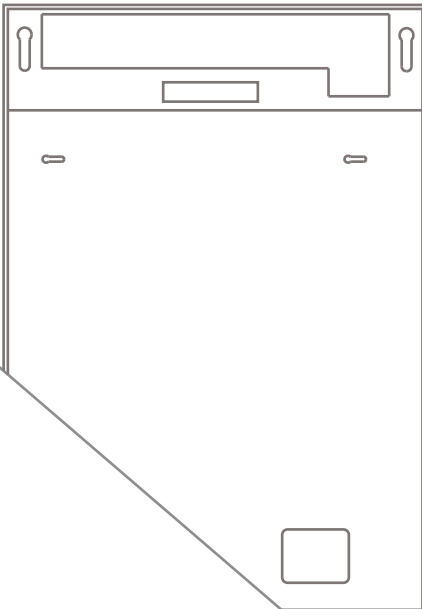


User Manual Dishwasher

TX3BD458



Thank you

Please read these instructions carefully before using this appliance. The instructions contain important information which will help you get the best out of the appliance and ensure safe and proper installation, use and maintenance.

Keep this manual in a convenient place so you can always refer to it for the safe and proper use of the appliance.

If you sell the appliance, give it away, or leave it behind when you move house, make sure you also pass on this manual so that the new owner can become familiar with the appliance and safety warnings.

Legend



General information and tips



Warning-important Safety information



Environmental information

Disposal



Help protect the environment and human health. Put the packaging in applicable containers to recycle it. Help to recycle electrical and electronic waste appliances. Do not put appliances marked with this symbol in your household waste.

Return the product to your local recycling facility or contact your local council.



WARNING!

Risk of injury or suffocation!

Disconnect the appliance from the mains supply. Cut off the mains cable and dispose of it. Remove the door catch to prevent children and pets becoming trapped in the appliance.

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Your dishwasher has been carefully designed to operate safely during normal dishwashing procedures. Please keep the following instructions in mind when you are using your dishwasher.

▲ WARNING Electrical shock hazard

Before installing the dishwasher, remove the house fuse or open the circuit breaker. This appliance must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-earthing conductor and an earthing plug. The plug must be plugged into an appropriate outlet that is installed and earthed in accordance with all local codes and ordinances.

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

Do not modify the power supply plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use an extension cord, adapter plug or multiple outlet box.

Failure to follow this advice may result in electrical shock or death.

▲ WARNING Cut Hazard

Take care - panel edges are sharp.

Failure to use caution could result in injury or cuts.

▲ WARNING When using your dishwasher, follow basic precautions, including the following:

- Read all instructions before using the dishwasher.
- The information in this manual must be followed to minimise the risk of fire or explosion or to prevent property damage, personal injury or loss of life.
- Use the dishwasher only for its intended function as described in this user guide.
- This appliance is intended to be used in household and similar applications such as:
 - farm houses;
 - by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments.

- Use only detergents or rinse aid recommended for use in a domestic dishwasher and keep them out of reach of children.
- Check that the detergent dispenser is empty after the completion of each wash program.
- When loading items to be washed, locate sharp items so that they are not likely to damage the dishwasher and load sharp knives with the handle up to reduce the risk of cut-type injuries.
- Do not touch the filter plate (the metal disc in the dishwasher base) during or immediately after use, as it may be hot from the heater plate underneath.
- Do not tamper with the controls.
- Do not abuse, sit in, stand on the door or dish rack of the dishwasher.
- Do not lean on the adjustable racks or use them to support your body weight.
- To reduce the risk of injury, do not allow children to play in or on the dishwasher.
- Under certain conditions, hydrogen gas may be produced in a hot water heater system that has not been used for two weeks or more. Hydrogen gas is explosive. If the hot water system has not been used for such a period, before using the dishwasher, turn on all hot water taps and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.
- Remove the door to the washing compartment when removing an old dishwasher from service or discarding it.
- Some dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.
- Certified residential dishwashers are not intended for licensed food establishments.

Maintenance safety instructions

- Disconnect the appliance from the power supply before any cleaning or maintenance.
- When disconnecting the appliance, pull the plug rather than the power supply cord or junction of cord to avoid damage.
- Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in this user guide.
- Keep the floor around your appliance clean and dry to reduce the possibility of slipping.

- Keep the area around/underneath your appliance free from the accumulation of combustible materials, such as lint, paper, rags and chemicals.

Operational safety instructions

- Open the door very carefully if the dishwasher is in operation. There is a risk of being sprayed with hot water. Do not open the door fully until the spray arms have stopped rotating.
- The door should not be left in the open position as this could present a tripping hazard.
- The water inside the dishwasher is not suitable for drinking.
- The dishwasher must be used with the filter plate, drain filter and spray arm(s) in place. To identify what these parts are, see drawings in section “Care and Cleaning” of this user guide.
- Do not operate this dishwasher if it is damaged, malfunctioning, partially disassembled or has missing or broken parts, including a damaged power supply cord or plug.
- Household appliances are not intended to be played with by children. Children of less than 8 years old must be kept away from the appliance unless continuously supervised. This appliance can be used by children aged from 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning the use of the appliance in a safe way and they understand the hazards involved.
- Cleaning and user maintenance shall not be done by children without supervision.
- Do not allow children to play inside, on or with this appliance or any discarded appliance.
- If a dishwasher cleaner is used, we would strongly recommend a wash program with detergent should be run immediately afterward, to prevent any damage to the dishwasher.
- The dishwasher is designed for washing normal household utensils. Items that are contaminated by petrol, paint, steel or iron debris, corrosive, acidic or alkaline chemicals are not to be washed in the dishwasher.
- If the dishwasher is not being used for long periods of time, turn the electricity and water supply to the dishwasher off.

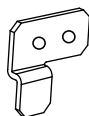
■ Parts supplied



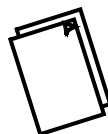
Drain hose support (1)



Inlet hose (1)



Installing the fixings (2)



Printed materials such as installation and user instructions



Moisture protection tape (1) (to prevent moisture damage to cabinetry)



Brackets for toekick (2)



Salt funnel

Ø3.5 x 13mm screws (10)

Ø4 x 25mm screws (4)

Ø3.5 x 44mm screws (4)

■ Prior to installation

Unpacking and handling

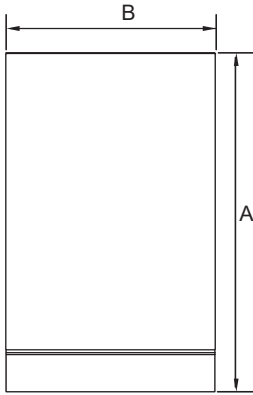
- Check packaging and dishwasher for signs of transport damage. If the dishwasher is in any way damaged, do not install it. Contact the dealer the dishwasher was purchased from.
- Disposal of packaging: some of the packaging is recyclable. Check the symbols and labels and recycle if possible.
- Never lift the dishwasher from the door handle or the top panel. Doing so may cause damage.
- Always be careful with the hoses and power cord at the back of the dishwasher. Careful handling will prevent damage and malfunction from squashing, kinking or cuts.
- While installing the dishwasher, check the drain hose is not restricted or kinked.

Connections and services

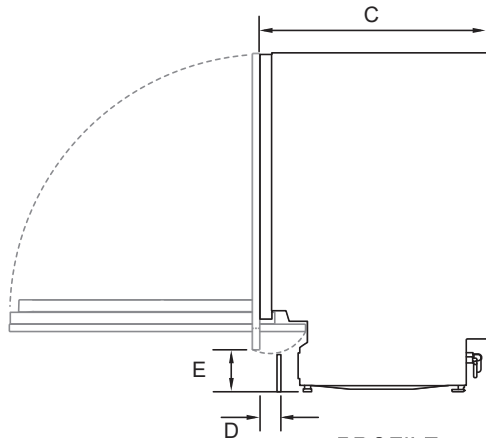
- Check that the power cord is long enough to reach the outlet. If it isn't, it must be replaced by a teknox authorised technician. Extension cords or multi-outlet power boards should not be used to connect the dishwasher to the power supply.
- Check that the hoses are long enough to reach the services. If a hose needs extending, ensure that the extension hose is new and of equal quality and diameter to the one already fitted.
- The dishwasher should not be connected to a water system where the temperature exceeds 25°C.
- The dishwasher must not be connected to an undersink high-pressure "push-through" type hot water system, as damage to the system will result.

Installation

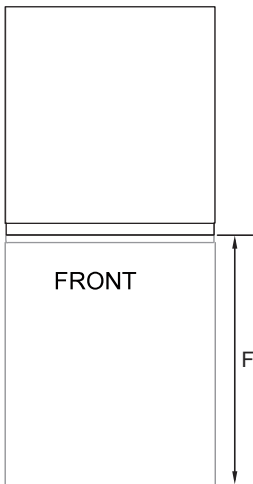
1 Product dimensions



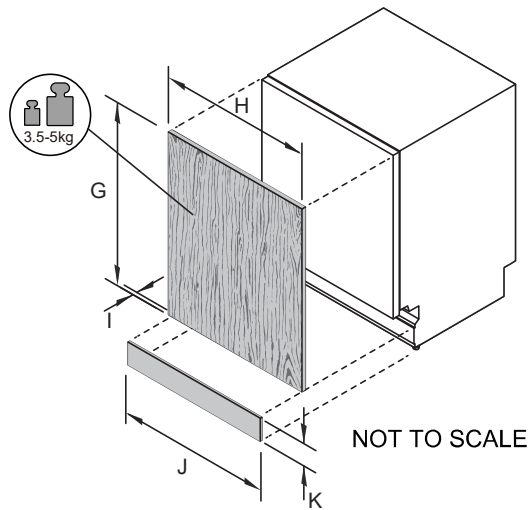
PLAN



PROFILE



FRONT

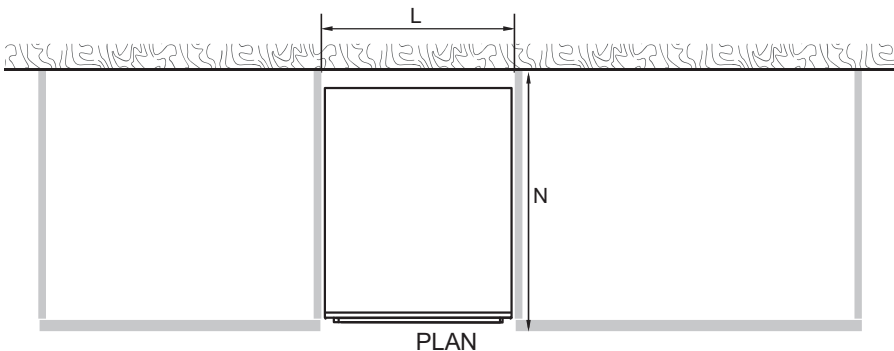


NOT TO SCALE

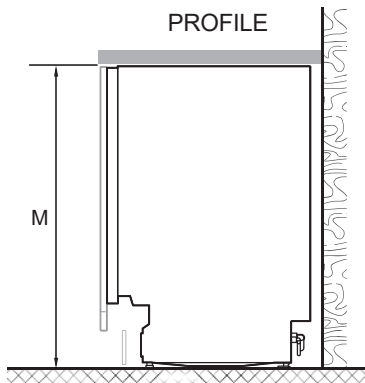
PRODUCT DIMENSIONS		MM
A	Overall height of product*	816 - 876
B	Overall width of product (excl. side seals)	448
C	Overall depth of product (excl. custom panel & handle)	559
D	Depth of toekick	30 - 95
E	Height from floor to bottom of custom panel	100 - 153
F	Depth of open door (measured from front of chassis) (excl. custom panel)	606
* depending on adjustment of levelling feet		

CUSTOM PANEL DIMENSIONS (custom made)		MM
G	Height of custom door panel	660 - 713
H	Width of custom door panel	444
I	Depth of custom door panel	16 - 20
J	Width of custom toekick panel	444
K	Height of custom toekick panel***	75 - 140
* depending on cabinetry dimensions		

2 Cabinetry dimensions



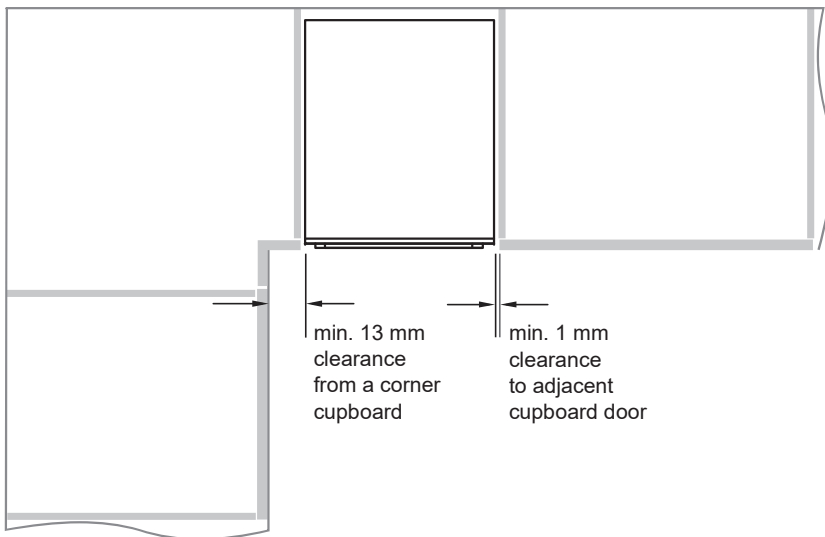
Installation



CABINETS DIMENSIONS		MM
L	Inside width of cavity	450
M	Inside height of cavity*	818 - 878
N	Inside depth of cavity	min. 577

* depending on adjustment of levelling feet

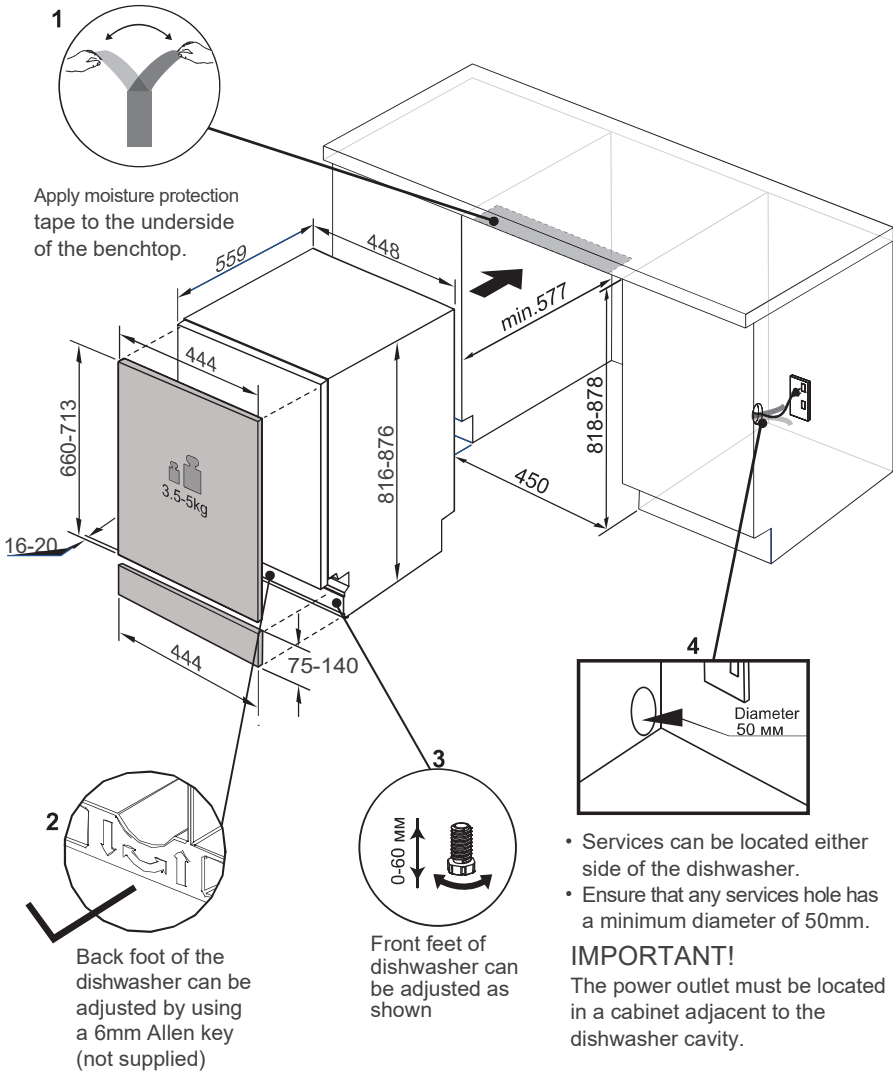
Minimum clearances from adjacent cabinetry



3 Cavity preparation

IMPORTANT!

To prevent possible steam damage to the cabinetry, ensure that any bare wood surrounding the dishwasher is sealed with an oil-based paint or moisture-proof polyurethane.



Installation

Positioning and stabilising the dishwasher

- Do not lift the dishwasher from the door handle.
- As you push product in, pull through hoses and cord, ensuring they don't get kinked or twisted.
- Plastic spacers can now be inserted at the side of the dishwasher next to the hinge to improve stability see step 7 for details on fitting spacers
- After sliding the dishwasher into position, adjust back foot with a 6mm Allen key
- The front feet can be adjusted manually also.

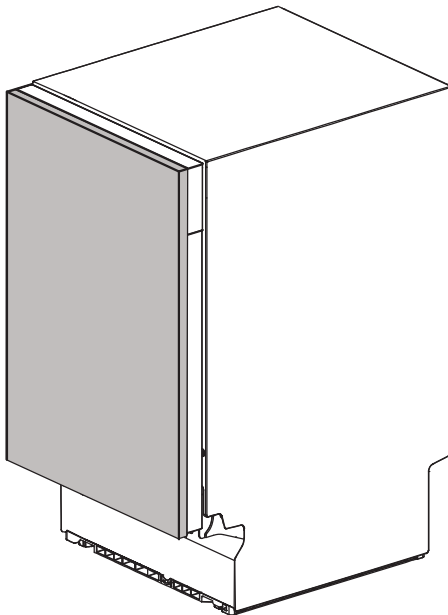
We recommend that you adjust the feet so that the dishwasher sits securely under the bench top so that it doesn't tip.

4 Custom door panel preparation

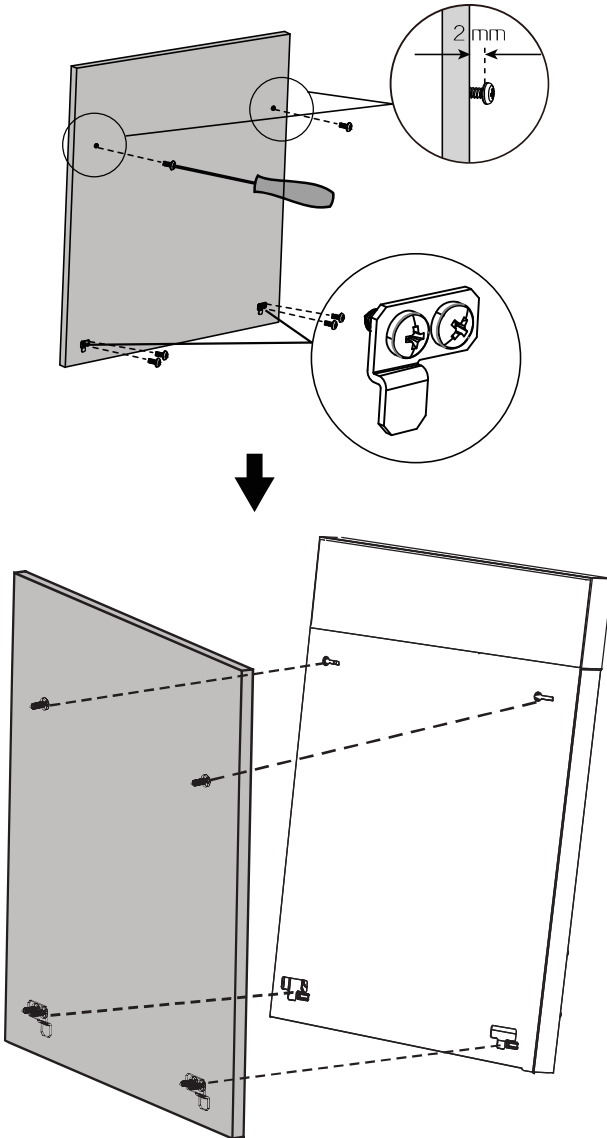
Front panel material specifications

The front of the dishwasher can be fitted with a front panel with the following specifications:

Adequately sealed to withstand moisture (50°C @ 80% RH). Because of it being a hot and wet environment generally, the back and sides of the panel should be completely sealed with a waterproof vapor barrier (ie polyurethane) to prevent damage to the panel.



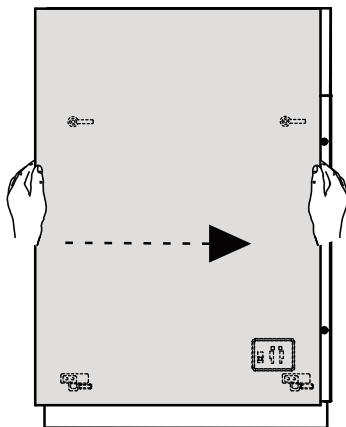
5 Attaching custom door panel



1
Insert $\text{Ø}3.5 \times 13\text{mm}$ screws through pilot holes and attach the small slider bracket to panel.

2
Close the door of the dishwasher, then hang the custom panel onto the front of the door.

Installation



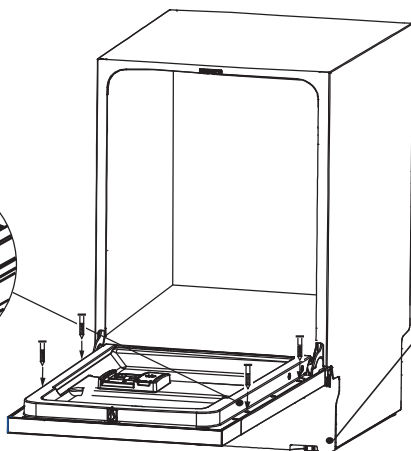
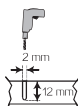
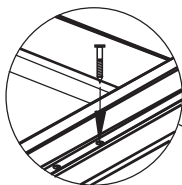
3

Adjust the placement of the door to the correct position.

Open the door and remove screws before replacing them with $\text{Ø}3.5 \times 44\text{mm}$ screws to fix panel into place.

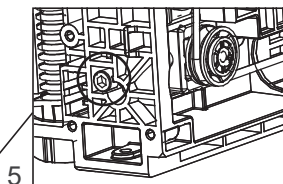


4



Door balancing

The door balance can be adjusted via two screws accessed through two holes at the front. Adjust both sides at the same time, alternating between the sides so that even balance is achieved.



IMPORTANT!

Use a hex wrench to adjust until the door remains open under its own weight.

Clockwise rotation:

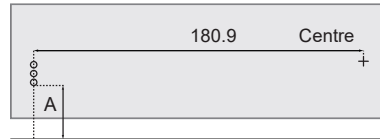
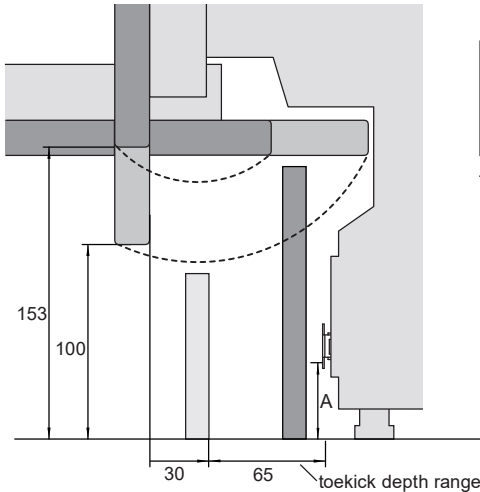
Spring tension

Counterclockwise rotation:

Spring relaxation

6 Toe kick installation

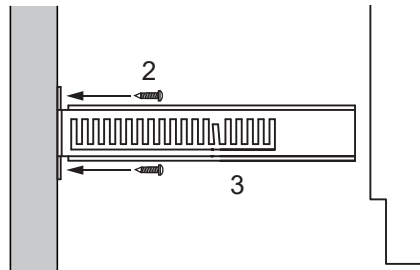
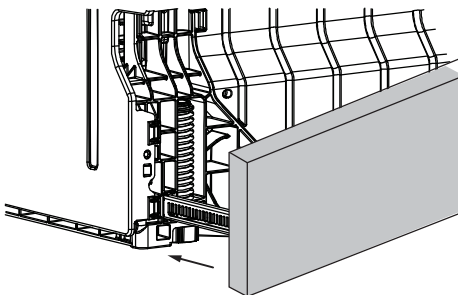
Separate panel



1

Mark out the pilot hole locations for each bracket. To establish the height in which the bracket will be fixed, measure the distance from the floor to the lowest hole of the bracket. Remove bracket from the product and plot the location of the other holes relative to this measurement. Note door overhang and swing range.

Fix brackets to panel using $\varnothing 3.5 \times 13\text{mm}$ screws. Insert toe kick into product and mark the desired alignment depth on the bracket. Remove panel. Using a screwdriver, bend the marked tabs out on both brackets to prevent toe kick from receding into product further.

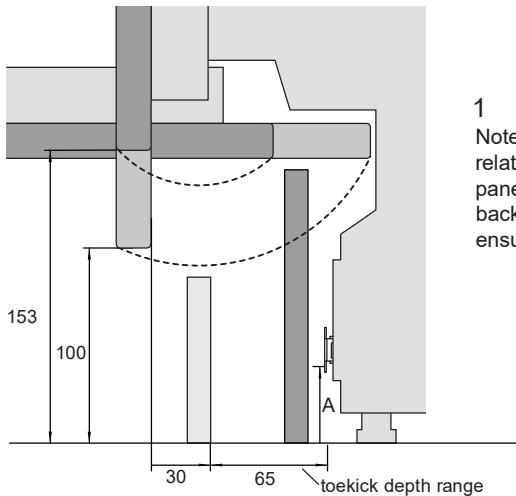


4

Slide toe kick firmly into the spaces on either side of the chasis to attach.

Installation

Continuous panel

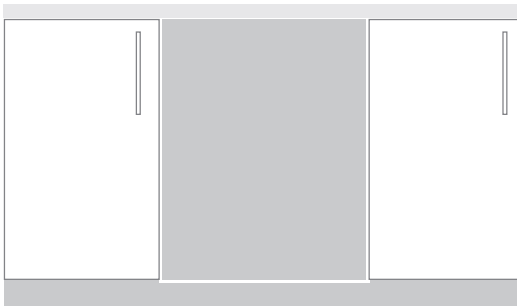


1

Note door overhang and swing range relative to height and depth of toe-kick panel. As the panel is continuous, cutting back panel is likely to be necessary to ensure seamless integration.

2

Align the toe-kick to desired position and mark out the point in which the toe-kick meets the base of the door panel. Cut back excess.

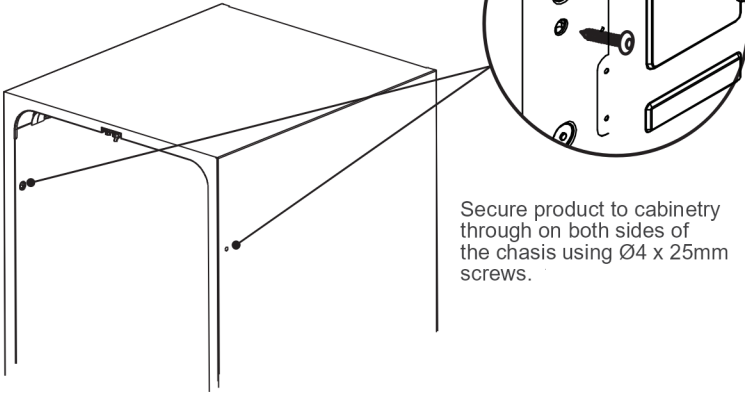


3

Fit continuous panel to surrounding cabinetry

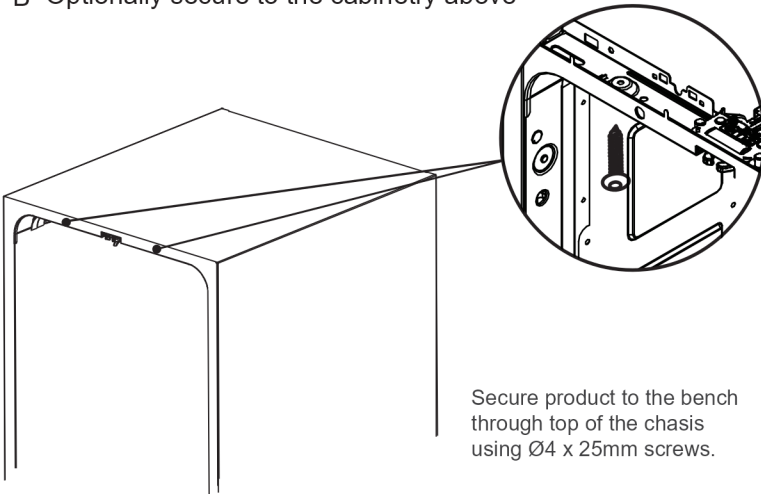
7 Securing product

A Secure to the cabinetry on the sides



Secure product to cabinetry through on both sides of the chasis using $\text{Ø}4 \times 25\text{mm}$ screws.

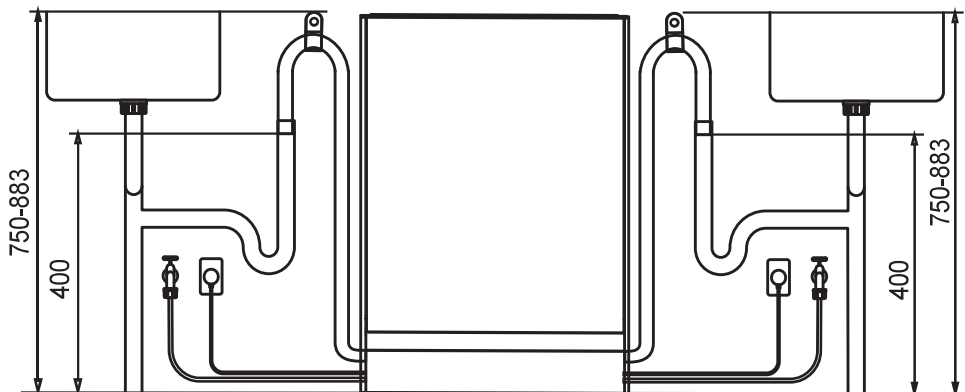
B Optionally secure to the cabinetry above



Secure product to the bench through top of the chasis using $\text{Ø}4 \times 25\text{mm}$ screws.

Installation

8 Plumbing and drainage options. Determine which is more suitable



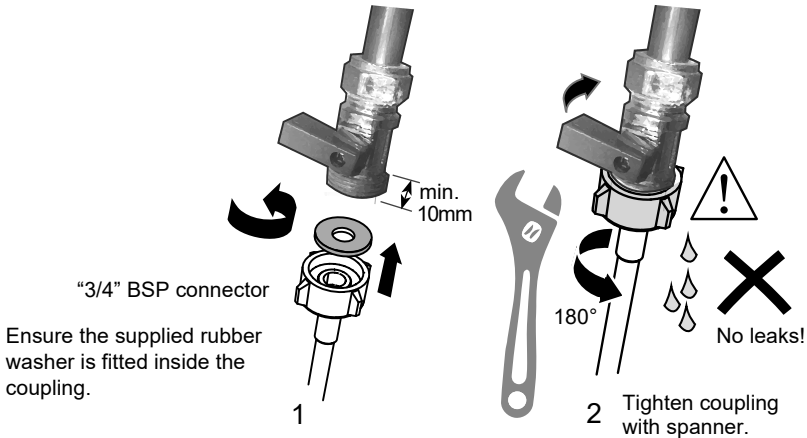
Hose and cord lengths

- Your services can be installed to either the left-hand or right-hand side of the product in an adjacent cabinet. Refer to 'Cabinetry preparation' for service access requirements.

Anti-flood protection

- This dishwasher has anti-flood protection, which will stop the water flowing in the event of a leak within the machine.

10 Connect inlet hose to cold water



Plumbing -- Water inlet connection

IMPORTANT!

- **The appliance should be connected to the water main using the new water inlet hose supplied. Old hoses should not be used.**
- **Do not shorten the inlet hose.**

1. Take note of water connection requirements.

- The dishwasher has a single valve water connection.
- We recommend a cold water connection for best performance and energy efficiency.
- The incoming water temperature should not exceed 25°C.

2. Take note of the permitted water pressure extremes.

- Lowest: 0.3 bar = 3 N/cm² = 0.03kPa
- Where pressure is below 1 bar, contact a qualified plumber.
- Highest: 10 bar = 100 N/cm² = 1MPa
- Where pressure is above 10 bar, a pressure reduction valve must be installed. Contact a qualified plumber.

3. Connect the water inlet hose to an accessible water tap with a “3/4” BSP connector.

Ensure that there is no kink in the inlet hose that could restrict the flow of water. A 90° bend requires a minimum height of 200mm for a kink-free curve.

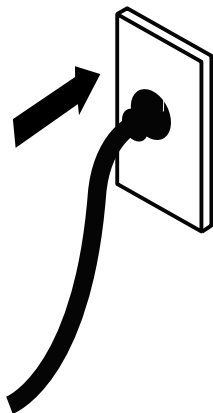
- Ensure incoming water is clear. If the water pipes have not been used for a long period of time, let the water run to make sure it is clear with no impurities. Not doing so may result in the water inlet hose getting blocked and damaging the appliance.
- If required, use a filter insert to filter out deposits from the piping. The filter insert is available from your Authorised Service Centre or Customer Care.

4. Tighten the hose coupling a further half turn after seal contact.

5. Check that the connection does not leak.

Installation

11 Plug product in



Electrical connection

- The dishwasher must not be connected to the electrical supply while installation is being carried out. Ensure all domestic wiring is properly earthed.
- Check the rating label (located on the left-hand side of the dishwasher's stainless steel inner door) and ensure that the voltage and frequency values for the current in the house correspond to those on the rating label.
- Insert the plug into a properly earthed power outlet that has a disconnection switch.

IMPORTANT!

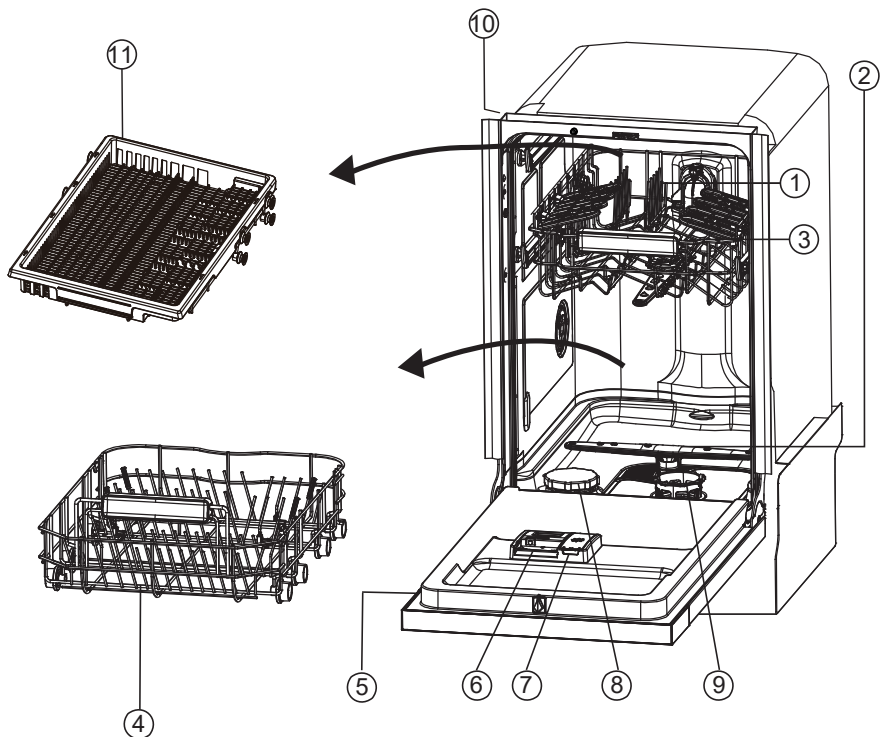
- The earthing of the appliance is a safety requirement mandated by law.
- If the power cord is not long enough to reach the outlet or the outlet to which the appliance must be connected is not appropriate for the plug, the entire dishwasher power cord must be replaced. This should only be done by a Teknix authorised technician. Do not modify or cut the plug. Do not use an adaptor, extension cord, or multi-outlet power board to connect the dishwasher to the power supply, as these could cause overheating and create a fire hazard.
- The outlet into which the dishwasher is plugged must remain easily accessible (e.g. in an adjacent cabinet) even when the appliance is installed. This is to ensure that the dishwasher can be disconnected from the power supply for safe cleaning and maintenance.

■ Final checklist

To be completed by the installer

- Check all parts are installed.
- Ensure that all panels and parts thereof are secure and final electrical tests have been conducted in accordance with local electrical regulations.
- Check that the dishwasher is level. If necessary, adjust the levelling feet slightly. To ensure optimum performance, the dishwasher should not be inclined more than 1°. Check with a spirit level.
- Ensure inlet hose to water supply has supplied rubber washer fitted, and that it's tightened a further half turn after seal contact.
- Ensure any knockouts or plugs in drain connection have been drilled out and drain connection has been made.
- The drain hose joiner must not support the weight of excess hose material. Keep drain hose as fully extended as possible to prevent sagging. Any excess length of drain hose should be kept on the dishwasher side of the highloop.
- If connecting the drain hose to the sink trap, ensure the highloop is a minimum 150mm higher than the drain hose joiner.
- Ensure any packaging or tape securing the racks is removed from the dishwasher.
- Check that the door opens and closes freely without resistance to adjacent cabinetry.
- Check that the electrical outlet is accessible and located in an adjacent cupboard.
- Check the operation of the dishwasher:
If a fault code appears, see the 'Fault codes' section of the User guide for advice.

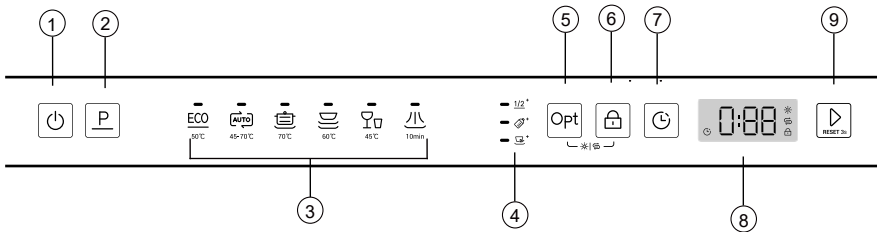
Product Description



- | | |
|------------------------|------------------------|
| 1. Upper basket | 7. Rinse aid dispenser |
| 2. Lower spray arm | 8. Salt container |
| 3. Upper spray arm | 9. Filters |
| 4. Lower basket | 10. Top spray arm |
| 5. Rating label | 11. Cutlery basket |
| 6. Detergent dispenser | |

The picture is provided solely for illustration purposes

Control Panel



1. ON/OFF Power key
2. Program selection key
3. Wash program indicator
4. Additional function indicator light
5. Additional function selection key
6. Child lock key
7. Appointment key
8. Wash program status light
9. Start/Reset key

- 1) Press and hold the child lock key for 3 seconds to activate the child lock; Press and hold the child lock key for 3 seconds again to exit the child lock.
- 2) Press and hold the Additional function selection key and Child lock key for 3 seconds to reset the indicator light for insufficient brightener or salt. After reset, the indicator light for lack of brightener or salt will no longer light up.

Time & Info display

During any selection the display shows by flashing related information like

- ▶ Programme cycle time
- ▶ Programme start delay time
- ▶ Error codes and service information

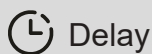
After start of an operation it displays without flashing

- ▶ Remaining time in hours of a delayed programme starts, e.g. 24h
- ▶ Remaining programme cycle time in hours + minutes, e.g. 130

While running it may vary due to local conditions and daily working load.

Control Panel

Indicator Icon



Delay

If the indicator lights up, a delay start has been activated.



Rinse aid

If the indicator lights up: Rinse aid is empty. After adding Rinse Aid, the indicator lights off.



Dishwasher Salt

If the indicator lights up, the dishwasher has run out of salt



Child Lock

Press and hold the program selection key for seconds to activate the Child lock.

*The Child Lock will remain enabled after the system restart.

Optional function



Half load

Use this option if you have only a few items to wash. This will save water, energy and time. If you use powder detergent use a little less detergent than for a full load.



+Hygiene

This function increases the temperatures and retains them for an extra long time to obtain a defined disinfection performance.















+Fast

Shorten the washing time and enhance the washing effect.







Program and additional features compatibility table

The collocation of washing procedures and additional functional procedures.

	 ECO 50°C	 Auto 45-70°C	 70°C	 60°C	 45°C	 10min
	✗	✗	✓	✓	✓	✗
	✗	✗	✓	✓	✗	✗
	✗	✗	✓	✓	✓	✗

Press  to select the program, press  to select the desired additional function, and then  to start the program.

Programme

Programme	Type of food residue	Type of load
 ECO 50°C	Normal soil: Soups, eggs, sauces, potatoes, pasta, rice, roasted or fried food	Non-delicate: Dinnerware, cutlery, glassware
 AUTO 45-70°C	Light soil: For very lightly soiled dishes with easy to remove soils	Non-delicate: Dinnerware, cutlery, pots and pans
 70°C	Heavy soil: Casseroles, sauces, potatoes, pasta, rice, roasted or fried food	Non-delicate: Dinnerware, cutlery, pots and pans
 60°C	Light to heavy soil: Casseroles, sauces, potatoes, pasta, rice, roasted or fried food	Non-delicate: Dinnerware, cutlery, pots and pans
 45°C	1). Light soil: Coffee, cake, milk, cold drinks, salad, sausages	Delicate: Glassware, dinnerware, cutlery
 10min	2). Dishes to be stored for a few days before washing	All: Dinnerware, cutlery, glassware, pots and pans

1). With this programme you can wash a load with fresh soil. It gives good washing results in a short time.

2). Use this programme to quickly rinse the dishes. This prevents the remaining food to bond on the dishes and bad odours to come out from the appliance. Do not use detergent with this programme.

First Steps



Remove all packaging materials, keep them out of children's reach and dispose of them in an environmentally friendly manner. There could be water residue inside the appliance due to quality checks in the factory. Perform in the following steps:

1. Install the appliance.
 - ▶ Refer to section INSTALLATION.
2. Only for use of Multitabs: Adjust the rinse aid setting.
 - ▶ Refer to section DIFFERENT SETTINGS FOR RINSE AID.
3. Fill the rinse aid dispenser.
 - ▶ Refer to section HOW TO FILL THE RINSE AID DISPENSER.
4. Open the water tap.
5. Start any wash programme (apart from Rinse programme) with detergent but no load to remove possible manufacturing residues

Activate / De-Activate the Buzzer

An acoustic signal informs about the end of a programme. This signal can be switched off.

Refer to section HOW TO ADJUST SETTINGS and select the setting:

- ▶ If the display shows  , the signal is switched off.
- ▶ If the display shows  , the signal is switched on.

Different Settings for Rinse Aid

Rinse aid is added during the last rinsing phase to dry the dishes without streaks and stains.

Detergent (e.g. powder, tablets, ...)

- ▶ requires separate rinse aid:
Factory default setting: rA5. No settings are necessary.
The rinse aid is added from the rinse aid dispenser only.

Before first use

Detergent with multifunction (e.g. Multitabs)

- ▶ combine detergent and rinse aid:

Please use the setting instructions in section HOW TO ADJUST SETTINGS and select the setting.

The rinse aid is added from the rinse aid dispenser in addition to the multitabs rinse aid.

Setting rA- cuts off the rinse aid dosage and the rinse aid indication.

The higher the value for the higher the dosage.

Usually the recommended setting performs well. In case of streaks, stains, shimmer etc., refer to section TROUBLESHOOTING.

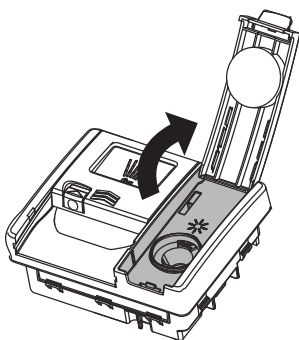
How to fill the Rinse Aid Dispenser



CAUTION!

Only use rinse aid for dishwashers.

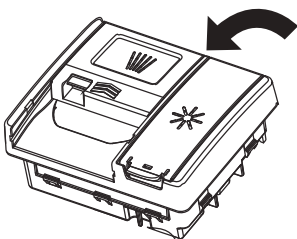
Other products can cause damage to the appliance.



Lift the cover open and pour rinse aid into the opening.


Do not fill exceeding the MAX line.

Take care not to spill any onto the door or detergent bucket.






Close the cover, ensuring it clicks shut.





How to Adjust Settings

During the selection of programmes, press and hold  for about 5 seconds to enter the user preference settings, and the buzzer will sound once. User preference settings include Rinse Aid setting, Water Hardness setting, Buzzer setting, Automatic door opening setting and Interior light setting.

Adjust the Rinse Aid level

1. The appliance is switched on.
2. In the startup state, hold down  additional function key for 5s to enter the user setting mode.
3. After entering the preference setting mode, the display screen displays rA-.
4. Press  to change the Rinse Aid setting in steps between rA- and rA6, rA1 is not put, the default is rA 3 (put 5ml).
5. Press  for 1 second to save the option, the machine will be in standby mode.

Water Hardness Level

1. The appliance is switched on.
2. In the startup state, hold down  additional function key for 5s to enter the user setting mode.
3. Press the  additional function key to enter the water Hardness setting mode.
4. The display will show *H4*.
5. Press  to toggle between *H1* and *H5*.
H1 (Indicates that the water-soft function is disabled).
6. Press  for 1 second to save the option, the machine will be in standby mode.





Before first use

Water hardness				Water softener adjustment
German degrees(°dH)	French degrees(°fH)	Mmol/l	Clarke degrees	electronic
31-50	54-89	5.4-8.9	39-63	H6
22-30	38-53	3.8-5.3	27-38	H5
17-21	29-37	2.9-3.7	21-26	H4
13-16	22-28	2.2-2.8	16-20	H3 ¹⁾ *
11-12	18-21	1.8-2.1	13-15	H3 ¹⁾ *
9-10	15-17	1.5-1.7	11-12	H3 ¹⁾ *
7-8	11-14	1.1-1.4	8-10	H2 ²⁾ *
0-6	0-11	0-1.1	0-7	H2 ²⁾ *
-	-	-	-	H1 ³⁾ *




* Remark

- 1) Factory default setting for powder detergent.
- 2) Recommended setting for combi detergent tablets.
- 3) Indicator for Salt is off.

Activate / De-Activate the Buzzer


1. The appliance is switched on.
2. In the startup state, hold down  additional function key for 5s to enter the user setting mode.
3. Press  twice to enter the buzzer setting.
4. Press  to toggle between $b^{P\Box}$ (buzzer on) or b^{P-} (buzzer off).
5. Press  for 1 second to save the option, the machine will be in standby mode.

Automatic door opening setting

1. The appliance is switched on.
2. In the startup state, hold down  additional function key for 5s to enter the user setting mode.
3. Press  three times to enter the Automatic door opening setting level
4. Press  to toggle between $d\bar{\square}-$ and $d\square\alpha$.





$d\bar{\square}-$ represents that the automatic door opening function is turned off.

$d\square\alpha$ represents that the automatic door opening function is turned on.

5. Press  for 1 second to save the option, the machine will be in standby mode.

Automatic door opening occurs in the drying stage. The time modes of automatic door opening are different due to different washing procedures

Interior light setting

1. The appliance is switched on.
2. In the startup state, hold down  additional function key for 5s to enter the user setting mode.
3. Press  four times to enter the Interior light setting level
4. Press  to toggle between $\ll\alpha$ and $\ll-$.
 $\ll-$ represents that the Interior light is turned off.
 $\ll\alpha$ represents that the Interior light is turned on.
5. Press  for 1 second to save the option, the machine will be in standby mode.

Before first use

Powder detergent quantity recommendations


Use the table below to determine the optimal powder detergent quantity for each wash programme.

If the water is hard in your area, more detergent may be required. Refer to 'Water Hardness' for more details.

WASH PROGRAM	PRE WASH COMPARTMENT	MAIN WASH COMPARTMENT
Eco	None	25g
Auto	Full	15g-25g
Heavy	Full	25g
Normal	Full	25g
Glass	Full	25g
Prewash	Full	/

* tablets are not recommended for the Hygiene cycle.

Dishwasher operation



1. Load the baskets.
2. If the rinse aid Indicator is on, fill the rinse aid dispenser and reset the rinse aid Indicator, refer to section HOW TO RESET THE RINSE AID INDICATOR.
3. Add the detergent; refer to section DETERGENT.
4. Close the door.
5. Set the programme according to the type of load and how dirty the dishes, cups and cutlery are.
6. Maybe select a start delay time.
7. Press the START / PAUSE button  to start the programme.
8. After programme end the appliance change to auto off. Unload the baskets.

How to Reset RinseAid Indicator

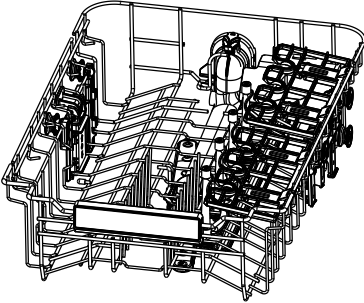
The rinse aid indicator is on:

1. Always completely fill the rinse aid before starting the next wash cycle
2. After adding Rinse Aid, the Indicator lights off.

Load the Baskets

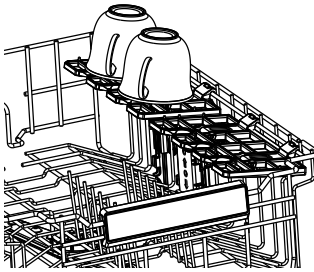
-  With delicate glasses and porcelain make sure they are labelled dishwasher-proof.
- × Do not put in the appliance items made of wood, horn, aluminium, pewter and copper.
- × Do not put in the appliance items that can absorb water (sponges household cloths).
 - ▶ Only use the appliance to wash items that are dishwasher-safe.
 - ▶ Remove remaining food from the items.
 - ▶ Soften burned food on the items before washing.
 - ▶ Put hollow items (cups, glasses and pans) with the opening down.
 - ▶ Put items with deep hollows in a slanted position.
 - ▶ Mix spoons with other cutlery to prevent them to bond together.
 - ▶ Make sure that cutlery and dishes do not bond together and there is a gap between each item.
 - ▶ Make sure that glasses do not touch other glasses.
 - ▶ Put small items in the cutlery basket.
 - ▶ Put light items in the upper basket. Make sure that the items do not move.
 - ▶ Make sure that the spray arms can move freely before you start a programme.
-  If jingling noises are heard during a programme run: Check that the dishes and glassware have a firm position.

Upper baskets



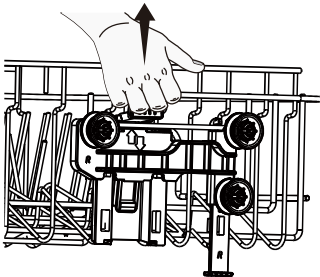
- ▶ The upper basket is designed to hold items like glasses, cups, saucers, plates, small bowls and shallow pans.

Foldable cup racks

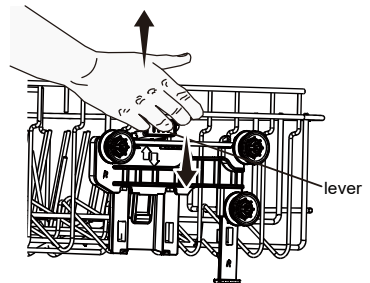


- ▶ Adjust the height to suit or fold out of the way to make space for other items. Use the notches to support wine glass stems.
To adjust height
 1. Fold up to unlock.
 2. Adjust the height to suit by sliding up or down.
 3. Fold back down to lock in position.

Height adjustment of the upper basket.



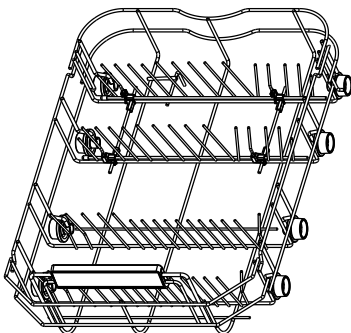
- ▶ Grip these handles both sides and lift basket upwards until it clicks in place.



- ▶ Pull the levers up on both sides and carefully lower the basket.

Daily Use

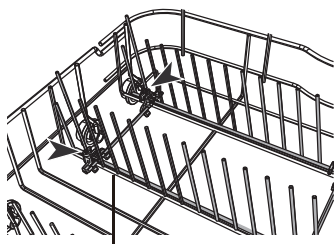
Lower rack



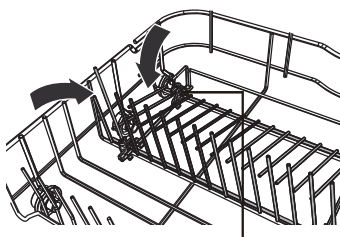
- ▶ Place heavily dirtied items (like pots and pans or dinner plates) in the bottom basket. The more powerful spray jet provides a better dishwashing result.

Foldable plate holder

- ▶ If you need space for pots or other volumetric items, these teeth can be folded; Press the small clip at the back and fold the clip parts towards each other.

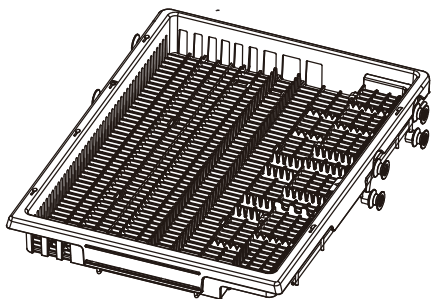


Foldable bracket



Press the small clip at the back and fold the clip parts towards each other

Cutlery/Utensil tray



- ▶ Use the tray to secure cutlery and utensils.
Place cutlery into the notches to secure.
Place larger utensils in the middle of the tray.
Slide side sections to the middle to create more space for items below.

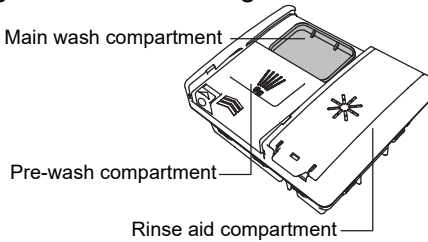
Detergent



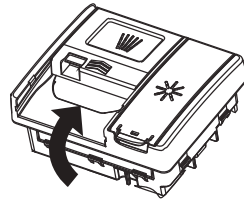
Please use only a dedicated dishwasher detergent and follow the related instructions and dosage on its package.

Using powder detergent

For powder detergent quantities, refer to the following 'Powderdetergent quantity recommendations' table and the detergent manufacturer's guidance. No detergent is needed for RINSE.



Check that the dispenser is empty and dry. Add powder detergent or tablets to the detergent dispenser.



Remove any excess detergent then slide the cover closed. It will click into place. If required, add additional detergent to the pre-wash compartment on top of the dispenser.

When washing heavily dirty dishware in hard water, more detergent may be required. Refer to 'Powder detergent quantity recommendations'.

Multitabs

These Multitabs detergent tablets could include two different agents for water softening, rinse aid and other functions. The softener and rinse aid setting must be adjusted according to section BEFORE FIRST USE. Usually the default setting performs well. If there are streaks, stains, shimmer etc., refer to section TROUBLESHOOTING and BEFORE FIRST USE.




Detergent tablets do not fully dissolve with short programmes. That may cause bad washing results and detergent residues.

If detergent without multifunction should be used again:

1. Save 3 to 5 tablets.
2. Adjust the softener and rinse aid setting according to section BEFORE FIRST USE.
3. Use Multitabs detergent tablets for the next 3 to 5 washcycles.


Start a Programme

1. Open the door.
2. Press the ON/OFF button
3. Press the program icon you want to select and then the required programme indicator flashes.
Additionally the display shows the programme run-time.
4. If needed select a start time for a delay start, refer to section START A PROGRAMME WITH DELAY.
5. Press the START/PAUSE button  to activate the programme or the delay start.
6. Close the door, The programme starts.
The floor projector is now used as a countdown display for the remaining running time.

Pause and restart a wash programme


1. Open the door carefully to pause the programme. The time remaining will flash and the pause beep will sound while the dishwasher is paused.
2. Load, remove, or rearrange any dishes if needed.
3. Close the door to restart the programme.

Cancel or change a wash programme

Open the door carefully to pause the programme. Press and hold  3 sec, Washing program reset. And then you can choose a new wash programme to start.



Activate / Deactivate options

On some models, the combination of all options is possible with all programmes. You can set one option or combine all options.

1. Switch on the appliance.
2. Press any illuminated icons to select the wash programme, the display shows the duration of the programme.
3. If needed, press any illuminated additional function icon and it can be matched with the current washing procedure.
4. Press the button  to start the program.

Start a Programme with Delay

Set a start time by the following procedure in order to delay a programme.

1. Set a programme.
2. Press the reservation button .
3. Press the START/PAUSE button .
 - ▶ The display shows the countdown time of start. The countdown decreases with steps of 1 hour.(from 1 to 24hours)
 - ▶ When the countdown is completed, the programme starts.

Cancel Start Delay Programme

Press the ON/OFF button  for about 3 seconds.

- ▶ The start delay is cancelled.
- ▶ The programme is aborted.
- ▶ The appliance is switched off.

End of Programme

The door will open automatically before the program ends. When the programme is completed, the display shows END and the icon of the washing program and additional functions after running is on, the buzzerrings for 3 times, and standby after 1 min without key operation. If the child lock is activated, the child lock will be cancelled while standby.

Daily Use



CAUTION!

If the door will be opened immediately after the end of programme, hot steam can escape. Danger of scalding. Open the door carefully

Standby Mode

The switched on appliance will go into standby mode if it is not activated within 1 minute before starting a programme, or at the end of a programme. This saves energy. The display switches off.



CAUTION!

If a programme will be aborted in the process of washing dishes, the residue of detergent remains on the dishes. These can cause damage to health. Make sure to rinse off the detergent residues completely before using these dishes again.



Make sure that there is detergent in the detergent dispenser before start a new programme.

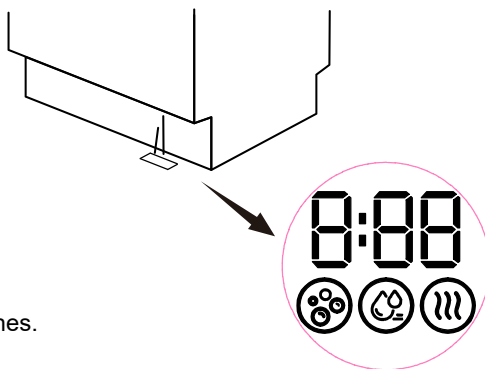
Floor indicator light (works when the program is running)

During program execution, Program running process will be projected on the floor below the door panel.

The three ICONS below the digital tube are respectively for main washing, rinsing and drying.

When running the pre-wash and main wash phases, the main wash icon flashes and the other ICONS go off.

When running the rinsing stage, the main wash icon remains on constantly, the rinsing icon flashes, and the drying icon goes off. When the drying stage is running, the main wash and rinse ICONS remain on constantly, while the drying icon flashes.



Over time, food residue or limescale deposits may accumulate inside your dishwasher. These may reduce efficiency, and food residue may produce a bad odour. Inspect and clean your dishwasher regularly.

IMPORTANT !

- Before any cleaning or maintenance, always disconnect the dishwasher from the power supply, turn off the water supply, and wait until all parts of the dishwasher have cooled.
- Do not use the following cleaning aids, as they may damage the surfaces:
 - plastic or stainless steel scouring pads
 - abrasive, solvent, household cleaners
 - acid or alkaline cleaners
 - laundry detergents or disinfectants
 - stainless steel cleaners or polishes
 - hand-washing liquids or soap
- Where there is broken crockery or glass in the dishwasher, it must be carefully removed to prevent personal injury or damage to the appliance.
- After cleaning, always check that the spray arms and filters are all correctly in place.

Cleaning the dishwasher exterior

- To clean exterior surfaces of the dishwasher, wipe with a clean, soft damp cloth and dry with a clean, lint-free cloth.
 - For non-flush surfaces wipe along or around the surface. For example, to wipe down the exterior control buttons, use a circular wiping motion around the button.
 - Take care not to cause excessive wetting of the control panel area.
- Note: before cleaning the control panel, it is useful to disable the buttons by activating keylock.

Cleaning the door seal and dishwasher interior

Clean thoroughly with warm water on a soft, lint-free cloth. If the interior is heavily soiled, use a dishwasher cleaner/descaler following the manufacturer's instructions.

Cleaning the filters

The filters prevent larger food particles in the wash water from reaching the pump. These particles may occasionally block the filters. We recommend cleaning the filters whenever there is evidence of food particles.

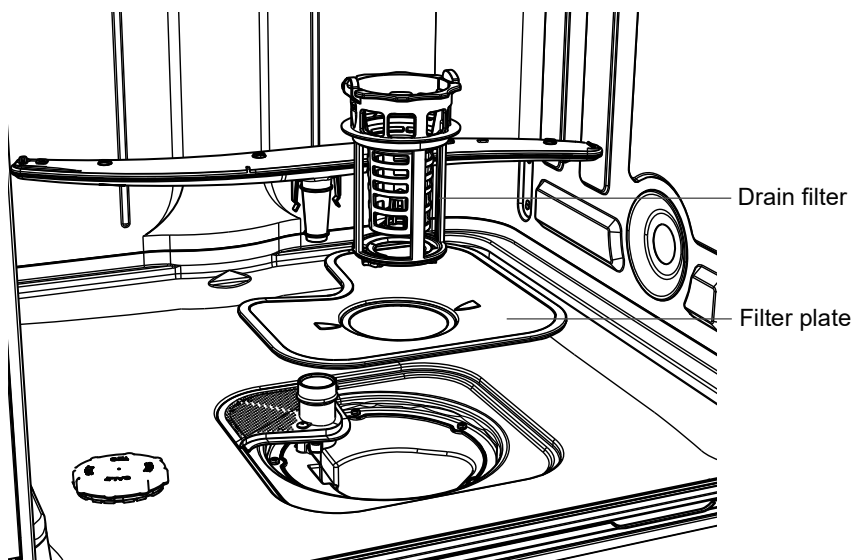
Care and Cleaning

- To remove the drain filter, turn the filter anti-clockwise to release, then lift out.
- Once the drain filter has been removed you can lift the filter plate out.
- Rinse them thoroughly under running water and then replace.

Replace the filters correctly after cleaning, making sure the filter plate is flush with the dishwasher base.

IMPORTANT !

When cleaning the underside of the filter plate, take care handling its sharp outer edge.



Cleaning the spray arms

Limescale and food particles in the wash water can block the holes in the spray arms and the arm mountings. Clean these parts about once a month, or more often should the need arise.



An incorrect assembly or position of filters will cause bad washing results and possibly serious damage to the appliance.

If any filter is removed make sure that no solid object of any size is left beyond these filters.

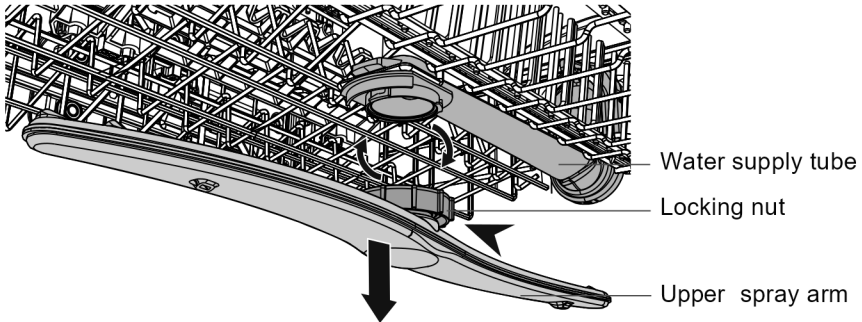
Care and Cleaning

Cleaning the upper spray arm

- To remove the upper spray arm, carefully unscrew its locking nut.
- Rinse the spray arm thoroughly under running water, then refit.

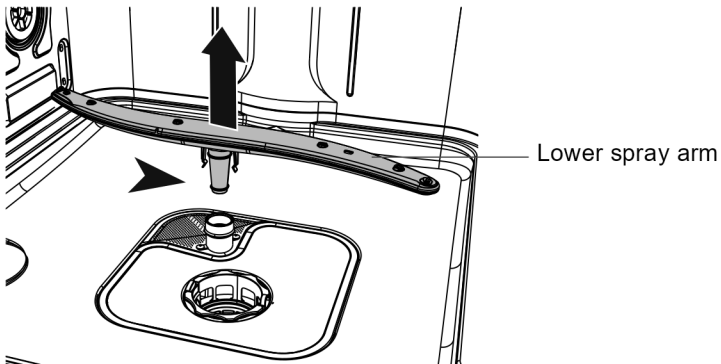
IMPORTANT !

Make sure you twist the locking nut on the upper spray arm firmly back on the water supply tube. Check that the upper spray arm is firmly locked in place and rotates freely.



Cleaning the lower spray arm

- To remove the lower spray arm, simply lift the spray arm off its mounting.
- Rinse the spray arm thoroughly under running water, then refit it on its mounting.



CAUTION!

- ▶ Never clean the appliance with a steam cleaner; Never use bleach or other chlorinated detergents.
- ▶ Clean the appliance with a damp soft cloth; Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads or solvents; Clean the door seal with a damp soft cloth.

Troubleshooting

Many occurring problems could be solved by yourself without specific expertise. In case of a problem please check all shown possibilities and follow below instructions before you contact an after sales service.



CAUTION!

- ▶ Before maintenance, deactivate the appliance and disconnect the power plug from the power socket.
- ▶ Electrical equipment should be serviced only by qualified electrical experts, because improper repairs can cause considerable consequential damages.

The appliance does not start, or it stops during operation

Problem	Possible cause	Possible solution
The programme does not start.	Appliance door is open.	Close the appliance door.
	Delay start is set.	Refer to displayed time.
	Power plug is not connected in the power socket.	Connect the power plug.
	Fuse in the house circuit is damaged.	Replace the fuse.
Rinse Aid Indicator and Salt shortage indicator * / S is light.	Rinse aid dispenser is empty. The water softener is empty	Refill Rinse aid until full and Add dishwashing salt, Then hold down for 3 seconds to reset.

Error codes on the display

Acoustic alarm, display shows ALARM CODE E 10 The appliance does not fill with water.	Water tap is closed.	<ul style="list-style-type: none"> • Open the water tap. Note: Whenever Error 'E 10' is solved switch off the appliance and restart the programm.
	Water inlet hose has a kink or a bend.	Make sure that the position of the hose is correct.
	In case of aqua-stop system: water protection is triggered;	The hose must be replaced.
	Filter in the water inlet hose is clogged.	Clean the filter at the inlet hose connections at tap and the rear of the appliance.
	Water inlet is clogged.	Check water flow from tap.
	Water pressure is too low.	Contact your local water authority.

Troubleshooting

Problem	Possible cause	Possible solution
Acoustic alarm, display shows ALARMCODE E30 Leak: The drain pump runs permanently.	Anti-flood device is on: <ul style="list-style-type: none"> • There are water leakages in the appliance. • The water inlet valve is open and blocked. • The drainage is blocked. 	<ul style="list-style-type: none"> • Close the water tap. • Disconnect appliance from power supply. • Contact Service.

Washing Results are not satisfactory

The dishes are not clean.	Filters are clogged.	Clean the filters.
	Filters are not correctly assembled and installed.	Make sure that the filters are correctly assembled and installed.
	Spray arms are clogged.	Remove remaining food remnants with a thin pointed object.
	Programme was not applicable for the type of load and food remnants.	Make sure that the programme is applicable for the type of load and food remnants.
	Incorrect position of the items in the baskets. Water could not wash all items.	Make sure that the position of the items in the baskets is correct and that the water can easily wash all items.
	Spray arms could not turn freely.	Make sure that the position of the items in the baskets is correct and does not cause the blockage of the spray arms.
	No detergent or insufficient quantity of detergent in the detergent dispenser.	Make sure that you add the correct quantity detergent in the dispenser before you start a programme.
	The wash cycle was interrupted by a long break.	Do not open the door or cut power supply during the wash cycle.
Whitish streaks, stains or bluish layers on glasses and dishes.	Released quantity of rinse aid is too much.	Decrease the released quantity of rinse aid. Refer to section DIFFERENT SETTINGS FOR RINSE AID.
	Quantity of detergent was too much.	Make sure that you add the correct quantity of detergent in the dispenser before you start a programme.
	Multitab detergent tablets used with a short programme might not fully dissolve.	Select a longer programme when using Multitab detergent tablets.

Troubleshooting

Problem	Possible cause	Possible solution
Dry water drop stains on glasses and dishes.	Rinse aid dosage is too low.	Increase the released quantity of rinse aid. Refer to section DIFFERENT SETTINGS FOR RINSE AID.
	Quality of rinse aid or Multitab.	Cleaning product too old, change the product.
The dishes are wet.	<ul style="list-style-type: none">• Programme had no drying phase.• Programme had a low temperature drying phase.	Open the door slightly and leave it ajar (about 100 mm) to help the drying process.
The dishes are wet and matte.	Rinse aid dispenser is empty.	Refill rinse aid into the dispenser and reset the rinse aid indicator.
	Quality of rinse aid or Multitab.	Cleaning product too old, change the product.



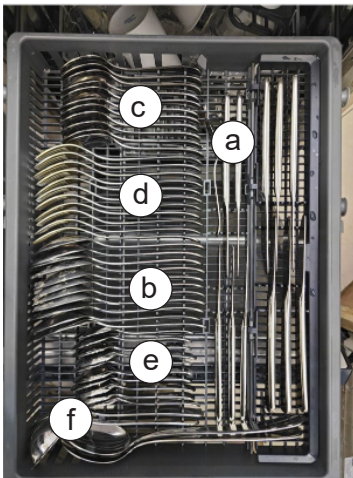
Economic and Environmental Use

- ▶ It is not recommended to pre-rinse the dishes under running water.
- ▶ Select the washing programmes by type and degree of contamination of the dishes.
- ▶ Select the economical mode programme ECO for normal dirtied items
- ▶ The most economically use you will have with full loading.
- ▶ Only use the manufacturer's recommended detergent or rinse aid dosages.

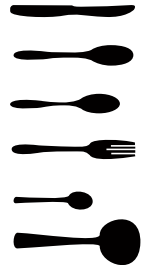
Standards Test

Wash programme	Eco
Powder detergent quantities	19g main wash
Rinse aid dosage level	rA5
Maximum number of place settings	11
Height adjustment of upper basket	lowest most position

Load Template



Number	Name
a	Knife
b	Soup spoon
c	Dessert spoon
d	Fork
e	Tea spoon
f	Gravy ladle



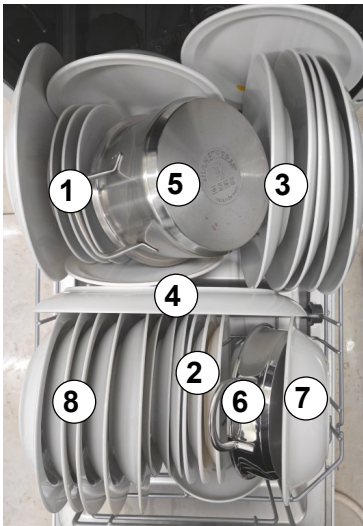
Standards Test

Upper basket



Number	Name
1	Cup
2	Saucer
3	Glass bowl
4	Mug
5	Glass
6	Dessert bowl

Lower basket



Number	Name
1	Dessert plate
2	Melamine dessert plate
3	Dinner plate
4	Oval platter
5	Small pot
6	Oven pot
7	Melamine bowl
8	Soup plate

Technical Data

Supplier's name or trade mark: **Teknix**

Supplier's address^(b): **Hawarden Industrial Park Manor Lane, Flintshire, CH5 3PZ
customer Helpline: 0800 772 0614
www.teknix.co.uk**

Model identifier: **TX3BD458**

General product parameters:

Parameter	Value	Parameter	Value	
Rated capacity ^(a) (ps)	11	Dimensions in cm	Height	81,6
			Width	44,8
			Depth	57,5
EEI ^(a)	43,9	Energy efficiency class ^(a)	[C] ^(c)	
Cleaning performance index ^(a)	1,121	Drying performance index ^(a)	1.061	
Energy consumption in kWh [per cycle], based on the eco programme using cold water fill. Actual energy consumption will depend on how the appliance is used.	0,63	Water consumption in litres [per cycle], based on the eco programme. Actual water consumption will depend on how the appliance is used and on the hardness of the water.	9,0	
Programme duration ^(a) (h:min)	4:35	Type	[Ingebouwd]	
Airborne acoustical noise emissions ^(a) (dB(A) re 1 pW)	45	Airborne acoustical noise emission class ^(a)	[C] ^(c)	
Off-mode (W)	0,50	Standby mode (W)	0,50	
Delay start (W) (if applicable)	4,00	Networked standby (W) (if applicable)	/	

Minimum duration of the guarantee offered by the supplier^(b): /

Additional information: -

Weblink to the supplier's website, where the information in point 6 of Annex II to Commission Regulation (EU)2019/2022⁽¹⁾ ^(b) is found

^(a) for the eco programme.

^(b) changes to these items shall not be considered relevant for the purposes of paragraph 4 of Article 4 of Regulation (EU) 2017/1369.

^(c) if the product database automatically generates the definitive content of this cell the supplier shall not enter these data.

Technical Data

Information to be included in the technical documentation

PARAMETER	UNIT	VALUE
Eco programme energy consumption (EPEC) rounded to three decimal places	kWh/cycle	0.632
Standard programme energy consumption (SPEC) rounded to three decimal places	kWh/cycle	1.440
Energy Efficiency Index (EEI)	—	43.9
Eco programme water consumption (EPWC) rounded to one decimal place	l/cycle	9
Cleaning performance index (I _c)	—	1.121
Drying performance index (I _D)	—	1.061
Duration of the eco programme (T _t) rounded to the nearest minute	h:min	4:35
Power consumption in off-mode (P _o) rounded to two decimal places	W	0,50
Power consumption in standby mode (P _{sm}) rounded to two decimal places	W	0,50
Does standby mode include the display of information?	—	No
Power consumption in standby mode (P _{sm}) in condition of networked Standby (if applicable), rounded to two decimal places	W	/
Power consumption in delay start (P _{ds}) (if applicable) rounded to two decimal places	W	4.00
Airborne acoustical noise emissions	dB(A) re 1 pW	45



Your Teknix appliance comes with a 3 year parts and labour guarantee – to give you the reassurance you need when purchasing a new appliance.

Before requesting a service visit, please check the troubleshooting guide in the operating instruction booklet.

For service and repairs please contact the Teknix technical helpline on: Freephone 0800 772 0614

Telephone lines are open 09.00 – 17.30 Monday to Friday

Please have your model number and serial number available before making the call.

What is covered

- All repairs necessary as a result of faulty materials, defective components or manufacturing defect.
- The cost of all functional replacement parts.
- The labour cost of a Teknix approved repairer to carry out the repair.

What is not covered

- Transit or delivery damage.
- Accidental damage.
- Misuse, or abuse.
- Cabinet or appearance parts, including knobs.
- Accessory items, including ice trays, scrapers and cutlery baskets.
- Repairs required as a result of unauthorised repairs or incorrect installation that fails to meet the requirements contained in the operating instruction booklet.

Note

- The product is guaranteed for domestic household use only.
- Gas appliances must be installed by a Gas Safe registered Gas Installer.