

OAKS

CROWN

HOME OWNER'S MANUAL
11 Irving Street, Phillip, ACT



OAKS

CROWN



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Artist's impression.



Introduction

Congratulations and thank you for your decision to purchase a home at OAKS Crown built by Milin Builders.

This Home Owner's Manual has been designed to provide you with useful information about your new home. It's a guide to moving in, establishing your service accounts and caring for your property.

In addition to this, it includes essential details in relation to manufacturer's instructions, operating manuals and warranty information. This guide aims to assist in the preservation and longevity of the finishes and fixtures within your home.

From time to time you may be required to enlist the assistance of a tradesperson to come to your home. If this is the case, it's important that you only deal with a fully qualified professional and as such, we have compiled a list of preferred contractors and suppliers for you.

Please take the time to read through the information provided and we thank you again for choosing to purchase a home built by Milin Builders.

Sincerely,
Milin Builders





Important Information

Dear Owner,

For your safety and trouble-free operation of your new appliances, please read the manuals and information provided within this Home Owner's Manual carefully and observe all of the manufacturer's Warning, Caution, Danger, Note and Do & Do Not points within the individual manuals.

Maintenance and/or repairs of the appliances must be carried out by a licensed and approved installer or supplier, information of which is supplied within this manual under 'Contacts for Service Personnel'.

Failure to observe the above points may lead to warranty cancellation, as well as the risk of electric shock or fatal injury.

Before calling for assistance, please read the 'Trouble Shooting' or 'Problem Solving' section within the appropriate appliance/equipment manual. Also note that all information contained within this manual is supplied in good faith, utilising information supplied by the installers or suppliers of the relevant appliances and was correct at the time of publication.

**Please retain this manual in a safe place for future use and reference.
Information contained within this manual is copyright to Milin Builders Pty Ltd and their respective authors and/or suppliers 2023.**





Rules and Information

The following rules and recommendations are related to the new Oaks Crown development (located at 11 Irving Street, Phillip ACT 2606) and must be followed in order to satisfy Fire Brigade, Australian Building Standards and Warranty regulations.

Fire Safety Requirements

- **Interfering with any fire door (ie. entry door to Apartments, fire stairs and hallways) is strictly forbidden as per ACT Fire and Rescue regulations. This particularly includes propping open fire doors so that they stay open while residents are moving in and out. Doing so will damage the door hinge and render the fire door inoperable, as well as reducing the integrity of the bounding fire rated construction. Furthermore, warranty on the door will be void in doing so.**
- It is the individual Owner's responsibility to maintain smoke detectors/alarms in good operative condition inside of your home. This includes replacement of the backup batteries in the smoke alarm unit itself, refer to the attached user manual for further information.
- Installation of security chains and dead locks are not recommended. Dead locks and chains can impact on your escape from a fire or other emergency, and the fitting of such devices to doors may be against ACT building and/or fire regulations.
- Storing any materials in the fire stairwells is strictly forbidden as per notices inside the stairwells titled 'Offences Relating to Fire Stairs'.
- Storing or placing any items in the Service cupboards (ie. Communications cupboard or Electrical Switchboard cupboard), such as cleaning products and equipment, boxes etc, is strictly forbidden.
- Parking on the basement ramp is strictly forbidden.
- The use of fire extinguishers and fire hose reels for any purpose other than firefighting is strictly forbidden. This includes all extinguishers and fire hose reels in the car park.
- Due to the sensitive nature of the fire detection system installed within the development, smoking in the common area stairwells and corridors is strictly forbidden. Smoke detectors outside of individual Apartments will automatically trigger a 'general' fire alarm, which will call ACT Fire and Rescue. ACT Fire and Rescue will charge the Body Corporate a call out fee for any false alarms induced by cigarette smoke or other factors such as dust and cooking steam/smoke.
- Smoke alarms within each individual Apartment do not cause a 'general' fire alarm when triggered and only sound within that home. Home Owners need to be particularly aware of this as Apartment residents may be tempted to open the entry door to allow smoke from burnt toast or similar to leave the Apartment. This has the risk of being sensed by the smoke detectors within the corridor and thereby triggering a 'general' fire alarm.
- In case of a fire, an alarm may sound, please exit your home promptly and close the front door. The escape route will be marked by green exit signs. Do not use the lifts during a fire. Please familiarise yourself with the fire safety devices, such as the fire extinguishers and fire hose reels etc.

Body Corporate Rules Related to Fire Safety

- Notices are typically provided by the Body Corporate or Property Manager regarding the fire safety systems within the building and particularly, regarding any maintenance or testing.
- A means of gaining access to the entry doors of all Apartments will be stipulated so that regular maintenance can be provided to these fire doors.
- A notice will be provided to all residents instructing that no screen doors are permitted to be installed on Apartment entry doors as this will result in the likely chocking open of the doors and a reduction in the fire integrity of the bounding construction.

Under no circumstances are fire hose reels to be used for washing vehicles or car park pavements.



The provisions listed in this Section are to be strictly adhered to. The requirements listed in this section relate to Essential Services and as such, all fire safety systems should be identified as ongoing maintenance and certification at appropriate intervals in order to comply with Australian Standards and Section E of the National Construction Code (NCC) (formerly known as the Building Code of Australia – or BCA) is required.

The development does contain performance-based fire safety design solutions which are documented within a Fire Engineering Report. These solutions have been approved by ACT Fire and Rescue as per ACT building legislative requirement.

If there are building alterations or additions, a change in use, or changes to the fire safety measures in the future, a reassessment will be required to verify consistency with the assessment in the alternative solution report.

Tenant and Owner Information

Tenants and Owners should note that the Body Corporate may have rules and information that are of a more general nature, such as gym operational hours. You will need to liaise with the Body Corporate directly concerning these.

Please note that storage cages are not waterproof and that moisture levels are higher than that of habitable areas, as such items may be affected by moisture. The basement is also fire sprinkler protected and damage can occur to personal items if the sprinklers are activated.

The following items are NOT to be held in the basement storage areas:

- Any fresh or frozen food items, including meat, fruit and vegetables.
- Corrosive liquids and solids such as acids or fertilizers.
- Explosive and combustible materials such as fireworks or flares.
- Flammable liquids such as fuel (diesel, petrol), thinners, oils, paints or gas bottles, etc.
- Timber products that may attract termites and white ants, such as cardboard, paper, timber furniture or boxes etc.
- Items that may become affected by moisture.

It will become the Body Corporate's responsibility to engage a licensed professional to attend to and carry out routine maintenance on the following items:

- Automatic Fire Alarm and Detection Systems as per AS 1851 2012
- Fire Extinguishers
- Fire Doors and Frames
- Fire Hose Reels
- Garbage/Waste Rooms
- Garage Doors
- Emergency and General Signage
- Common Area Electrical Items
- Irrigation Systems
- Lifts
- Carpark Ventilation System
- Gym Equipment

It is also the Body Corporate's responsibility on a regular basis to engage a qualified professional to inspect and clean the gutters, storm water pumps and pits, drains, sumps and grates located throughout the common areas of the development (ie. roof, carpark area, ground floor and surrounding areas).

Failure to observe the above items may result in damage to property and dwellings.

As per Building Authority regulations and relevant ACT legislation, the carpark is ventilated by the means of mechanical ventilation. The ventilation system needs to be active 24 hours every day. You may notice some noise in the basement daily between approximately 12pm and 1pm when it is operating at its peak, at a time to minimise disruption to residents.

ON/Auto OFF control devices are installed within the Basements to control the ventilation system as per requirements of AS/NZS 1668.1-2015.

Smoke detectors are installed on these Basement ventilation fans and will shut these fans down on detection of smoke. Automatic reset of these fans should be possible by Authorised Personnel in the Fire Fan Control Panel (FFCP). Manual control of these fans is provided for fire fighters at the FFCP.



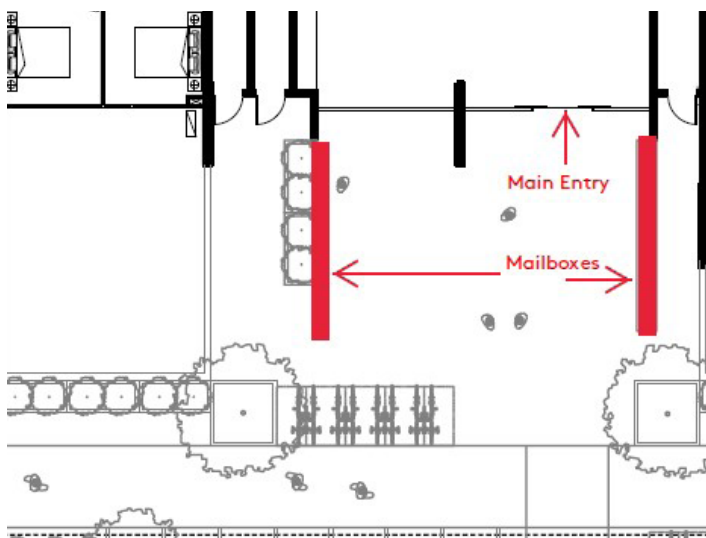
Keys, Remotes, Access Fobs and Letterboxes

Each home will receive 2 main door keys, as well as a number of other keys and controls associated with their Apartment such as carpark remotes, security fobs, mailbox keys, windows and sliding door keys. If duplicate keys, fobs or swipes are required, please contact the Body Corporate's Strata Manager who will be able to arrange this.

NOTE: Basement door remote can be de-magnetised if exposed to other devices.

Letterbox Location

The letterboxes are located at the main entry to the building and the keys to them are handed over to each individual owner at settlement.



Water, Gas and Electricity

The overall Oaks development has one common water meter located on Irving Street inside the Water Service meter pit. Shutting off the main valve will cut all domestic water supply to the entire development. Please note that inside the main shut off valve room, you will also find the 'Fire Main' shut off valve, which **UNDER NO CIRCUMSTANCES** is to be interfered with. Closing of this valve by any person other than authorised Fire Brigade Officers is a criminal offence.

Hot Water Supply

The hot water to your Apartment is supplied via a common gas hot water system located at the roof level. This system comprises common hot water heaters 'powered' by gas. From these heaters, the hot water is reticulated throughout the building to each home. The hot water to every individual Apartment is metered and the hot water usage measured by each meter is subsequently used to calculate the gas consumption cost for the individual homes.

In addition, each Apartment is provided with an RMC High Performance Tempering Valve, which controls the maximum hot water temperature available to specific fixtures within your Unit such as hand basin(s), shower(s), and bath (if installed). The Valve limits the hot water to 48 degrees Celsius as per the relevant regulations and legislation. This is to prevent scalding and as such the water temperature is not 'User Adjustable'. Interfering with and/or readjusting the tempering valve is strictly forbidden as per regulations. All maintenance and repairs on tempering valve units are to be carried out by a **licensed plumber**.

Please note: The hot water available to your kitchen sink and laundry is not tempered and can reach as high as 70 Degrees Celsius.

Shut Off Valves - Cold and Hot Water

Each home has the following individual control points: stop cocks for hot and cold water, hot water meter, tempering valve and pressure limiting valves. The location of these valves is in the corridor ceiling outside each Apartment (access panel is above entry door). In addition, isolation valves have been installed to the kitchen, laundry and bathrooms (typically within the cupboard space). Please note that there are two separates Shut Off valves per unit, HOT and COLD, care should be taken when touching the HOT valve as temperature of the surrounding pipes and valve itself may reach as high as 70 Degrees Celsius.

Please refer to the 'Shut Off Valves – Cold and Hot Water' section on page 19 for information about controlling the water supply for each individual home.

Gas Supply

The gas supply to the development is located within the enclosure on **Irving Street** beside the main switchboard room on the podium. It supplies gas to the Common Hot Water System and should not be turned off under any circumstances except for in an emergency.



Electricity Supply

The Electricity supply to each home is individually metered. The meters are usually located in the Meter Cupboard within the relevant floor's service room. Additionally, each Apartment is provided with a consumer switchboard. This is commonly located within the Bedroom 1 Wardrobe. Each Apartment's switchboard contains the main isolation switch, consumer fuses and RCD fuses. Should you experience a power outage or your lights trip, please call the electrician from the 'Contacts for Service Personnel' section located within this handbook. Consumer switchboards need to be accessible at all times, hence, the switchboard should not be covered or obstructed.

Any work associated with the electrical supply and distribution cabling or electrical fixtures/appliances needs to be performed by a licensed electrician. This includes the installation of any hard-wired appliances. The connection of this service to the home is the occupant's responsibility and needs to be arranged through an appropriate supply company. Please make sure all circuit breakers are in the 'off' position before connection takes place.

Further information relating to the electricity supply and applying for its connection has been provided within an attached document.

Please refer to the 'Electrical Meter Location' section on page 20 for further information.

Communications, CCTV, Parking and Waste

Communications Supply

Oaks Crown has been provided with broadband communications infrastructure via a fibre optic cable network (ie. is effectively a 'Fibre-To-The-Premises', or FTTP, installation). This infrastructure has been installed by Opticomm.

From an Apartment's point of connection to the broadband communications infrastructure (at each Homes' communications hub), the Apartment is then provided with data and communications wiring (CAT6) to areas within each home as specified on the Inclusions List. Your communications hub is usually located within the Communications cupboard near the kitchen or within a bedroom wardrobe.

Should you require any configuration work to be performed, please contact the communications installer from the 'Contacts for Service Personnel' section located in this handbook. All work performed on the wiring needs to be done by a licensed telecommunications technician.

The connection of the above services is the owner's responsibility and needs to be arranged through an appropriate supply company as per the information provided.

Information on the Opticomm infrastructure and their retail service providers (RSP's) to get connected are available in an attached document (see page 22).

Telephone, Data and TV

- Telephone and data connections are available via your selected Internet Service Provider (ISP) using the outlets provided in your Apartment. Information on available plans and how to get connection to the internet has been provided with this Manual.
- Access to the Communication Rooms/Main Distribution Frame (MDF) to connect your telephone and/or internet service should not be required. However, should this be required please contact your Building Manager or Strata Manager.
- Your home is Foxtel ready, meaning a Foxtel box may be plugged in for the service to be live.

A Foxtel subscription is required for connection, so if you aren't already subscribed, please contact Foxtel directly. Your property address will be required when setting up your Foxtel account.

- Free-to-air TV channels can be directly accessed from the TV outlets provided within the Apartment.

CCTV Coverage

There are two CCTV cameras at the basement entry/exit and the main apartment building entry, which capture real time images and feed to the modulator installed in the NBN room. This modulator then distributes a split screen view with all input feeds displayed on a television channel that can be tuned in to view real time coverage. There is also a 2 Terabyte recorder that saves all images that have been captured and this can be viewed by authorised people only.



Vehicle Access and Car Parking (Residents and Visitors)

Entry into the Basement car park is located off Irving Street from the first driveway entry before the Gym (ie. closest to Phillip Swimming Pool). Access can be gained by using the remote control for the Basement entry roller shutter. Please only park in a car parking bay that has your Apartment number on it. Visitor parking can be found on Irving Street.

No parking within the internal road's set down area at porte cochere or in the ACT Fire Brigade's dedicated rescue ladder truck zone is permissible. The set down zone is only for set down (pick up or drop off) and deliveries scheduled with the Body Corporate or Building Manager. Parking within these zones may result in vehicles being towed.

Waste Removal

Household waste and recycling is able to be disposed of by residents via the waste chutes located in the Refuse room on each floor. Please adhere to the recycling rules and note that the waste chutes have limitations on the size of materials that are able to be placed within them.

Non-household waste items such as furniture or electrical items are not allowed to be disposed of via the general waste and recycling collection for the building. Residents are individually responsible for the disposal of such items.

Please DO NOT use the recycling chutes for disposing of your glass recycling. There are specific bins supplied in the lift foyer of each basement level for glass, so please bring your glass recycling down via the lifts.

The Body Corporate will be responsible for managing the general waste and recycling removal.

Airconditioning and Cleaning

Airconditioning

Please refer to the supplied document for user information and all warranty information. Apartments with A/C enclosures are NOT to have materials stored in front or inside the enclosure as this will damage the unit. Any warranty will be voided.

Ventilation and Condensation

In modern Apartments, all openings are tightly sealed. This makes the home more energy efficient as it reduces the loss of heat in Winter and cool air in Summer. One of the side effects of reducing air leakage is that moist air is also kept inside. The moist air may in turn, lead to the formation of condensation.

The most effective method of minimising moist air within the home is the use of extraction fans. Bathroom and laundry extraction fans are connected to the light switch. This greatly assists in removing moist air from within the home. Please also note that the power point inside of the laundry is connected to the laundry's light/fan switch, this ensures that the fan is running while the washer/dryer is in operation.

Other ways to assist in managing condensation and the subsequent risk of mould include:

- When weather allows it, open windows and leave a small gap where possible.
- Clean the wet areas of the home regularly. Avoid drying laundered clothes inside.
- Ensure steam is extracted when cooking by opening a window and using the range hood.
- Dispose of any wet, musty smelling items.

Please refer to the ACT Government fact sheet on the www.dhcs.gov.au "Mould and Condensation – important information from Housing ACT".

General Cleaning and Maintenance

• Vacuum Cleaning

All areas shall be vacuumed with an upright suction cleaner with a pile beater at a minimum of once per week. The pile beater may consist of revolving bristle strips or a beater bar/bristle strip combination. It is recommended that the vacuum cleaner have an adjustable height beater. The height should be checked and adjusted each time the cleaner is used, to ensure that the carpet pile is not damaged by beating that is more vigorous than is necessary. Several passes must be made over each area to ensure efficient removal of soiling material.



- **Periodic Deep Cleaning**

Periodic cleaning is to be carried out annually using the hot water injection and extraction method ('steam cleaning') with a smooth wand attachment. Hot water injection solution shall be maximum of 50 degree Celsius in the solution tank. It is necessary to ensure that the solution application is uniform, that it is the minimum required to clean the carpet and that it is left for the minimum time possible on the carpet before being extracted. It is also necessary to extract the solution evenly and thoroughly to be sure that after cleaning, the moisture content of the pile is even throughout and as low as possible to assist the drying process.

An adequate flow of drying air must be provided to allow the carpet to dry out in a reasonable time. Because each floor of modern buildings are effectively sealed, the air conditioning system should be run at a temperature of 20 to 25 Degree Celsius while the carpet is being cleaned and then for a further 24 hours after completion of cleaning.

- **Spot Cleaning**

Spillages, spots and stains shall be removed as soon as possible after they have occurred. Highly alkaline spot cleaning chemicals should be avoided. However, if necessary, to remove difficult stains, the spot must be neutralized after cleaning by applying dilute acid – for example white vinegar – before the spot is allowed to dry out.

- **Glass**

In order to prolong the life of your glass windows, please observe the following recommendations from the manufacturer.

These windows have a very thin coating on the interior glass surface. It is this hard and durable coating which provides the product with improved thermal insulation and solar control performance compared to ordinary clear glass. The coated surface does clean differently to ordinary glass and these guidelines are recommended for the most appropriate hand cleaning results.

Hand cleaning of the coated (interior) surface to visibly remove accumulated dust or fingerprints can be accomplished using a number of different glass cleaning products. The exterior surface of the glass is not coated so can be cleaned in the same fashion as ordinary glass. Recommended cleaning products include Windex® Multi-Surface Cleaner or a mixture of one part vinegar to ten parts water. In addition to the above products, commercially available vinegar-based glass cleaners have generally demonstrated an ability to provide a clean, streak free glass surface. The manufacturer does not recommend the use of ammonia-base and alcohol-base glass cleaners because these products tend to leave visible streaks.

- While cleaning ensure jewellery and watches are removed and gloves should be worn.
- Flood the glass surface with a generous amount of spray-on cleaning solution or with a cloth saturated with the cleaning solution.
- Scrub the wetted surface with a clean, lint free towel or cloth.
- Wipe dry with a dry, clean, lint free towel or cloth. Do not use a squeegee on the coated (interior) surface.
- To prevent streaking, stop wiping when the glass is almost dry and there is a uniform film of moisture left on the glass surface. The film will quickly evaporate leaving a clean surface.
- Do not use razor blades, steel wool, scouring bristles or other metallic or abrasive objects on the coated surface. If metallic objects contact the coated surface, a thin layer of metal removed from the object may be deposited onto the surface which results in a discoloured stain that is difficult to remove using normal cleaning procedures.





Benchtops

The benchtops installed in the kitchen and bathroom are a reconstituted stone material that will require minimal maintenance and return years of service provided the following simple rules are followed:

- Do not sit, lean or place heavy objects on unsupported parts of the bench top. The bench tops are made using reconstituted natural stone and are not a flexible material. Care should be taken not to overload them.
- Do not place hot pots and pans directly on to the bench surface as discoloration and cracking may occur. Always use heat resistant spacers.
- Do not place liquids, particularly coloured liquids (eg. cordials, wine, vinegar) directly on the surface, as the tops are porous and may absorb the liquid and stain.
- Do not use abrasives to clean the bench tops as they will scratch. Use a good quality surface spray and soft cloth or sponge only.
- Do not place objects that may scratch the surface of the bench tops. Always use pads.
- Do not cut or chop food directly on the benchtop as they will scratch and chip. Use a chopping board.

Appliances, Fixtures and Fittings

The following information has been provided within the Manual provided by Harvey Norman for the appliances and kitchen, bathroom and laundry fixtures used within the development:

- Warranties;
- Care and Maintenance;
- Instructions for Use

DOCUMENTS AVAILABLE ONLINE (SEE PG.22) OR REFER TO HARVEY NORMAN MANUAL.

Outdoor Areas

The use of loose furniture, light-weight sheets or covers (including loose BBQ lids) and the like is NOT appropriate on high-rise outdoor terraces and balconies.

The use of light weight furniture is **NOT** recommended unless it is securely attached to the balcony or terrace floor slab.

Queries regarding the external windows/doors and balustrades should be directed to the Body Corporate or Building Manager.





Colour Scheme Materials and Finishes

The following tables outline interior finishes depending on the original colour scheme selected and will be useful if you ever need to undertake maintenance (such as touch-ups to the paintwork) within your home. Please note that slight variations to colours may occur due to batching etc. Please test all colours in an inconspicuous area first. Please also note that the colour schemes are as per the standard inclusions and do not represent any individual variations that may have been requested by individual purchasers.

Colour Scheme - Ash

Area	Colour	Finish	Additional Information	Code	Brand/Supplier
General walls	Alabaster	Low Sheen Acrylic		N96-006-099	Dulux
Ceiling	Ceiling White	Flat Acrylic			Dulux
Doors/Skirtings/Architraves	Alabaster	Semi-Gloss Acrylic		N96-006-099	Dulux
Carpet	Berber Vogue Grey Mist	Carpet	Loop pile – 100% wool	#730	Godfrey Hirst
Tiling	Konkrit Bianco	Natural	Grout to match	OLT044	Rivoland
Timber Flooring	Weathered Oak	Natural	Timber look flooring	#560	Godfrey Hirst

Colour Scheme - Beech

Area	Colour	Finish	Additional Information	Code	Brand/Supplier
General walls	Alabaster	Low Sheen Acrylic		N96-006-099	Dulux
Ceiling	Ceiling White	Flat Acrylic			Dulux
Doors/Skirtings/Architraves	Alabaster	Semi-Gloss Acrylic		N96-006-099	Dulux
Carpet	Berber Vogue Tawny Stone	Carpet	Loop pile – 100% wool	#710	Godfrey Hirst
Tiling	Ritz Bianco	Natural	Grout to match	OLT156	Rivoland
Timber Flooring	Ashen Oak	Natural	Timber look flooring	#710	Godfrey Hirst

Colour Scheme - Oak

Area	Colour	Finish	Additional Information	Code	Brand/Supplier
General walls	Alabaster	Low Sheen Acrylic		N96-006-099	Dulux
Ceiling	Ceiling White	Flat Acrylic			Dulux
Doors/Skirtings/Architraves	Alabaster	Semi-Gloss Acrylic		N96-006-099	Dulux
Carpet	Berber Vogue Charcoal	Carpet	Loop pile – 100% wool	#750	Godfrey Hirst
Tiling	Ritz Grigio	Natural	Grout to match	OLT153	Rivoland
Timber Flooring	Coffee Oak	Natural	Timber look flooring	#180	Godfrey Hirst





Timber-look Flooring Care and Maintenance Guide

Cleaning and Care:

- Immediately – clean up any liquid or water-based spills or any other potentially staining marks using a dry, clean cloth. Though Godfrey Hirst floors are resistant to most spots and stains, some materials or colourants (such as tar, grease, oil, dyes, waxes, ball point, marker pens, pet mishaps or foods and beverages containing strong dyes such as mustard, curry, cordial, coffee, tea) may under certain conditions migrate into the wear layer, causing indelible stains.
- Daily, or as required – remove any loose dirt or grit which could damage the floor by sweeping with a soft dry broom or vacuum (preferably with an effective dust filter and suction nozzle for hard surface and turning off power head, if installed).
- Weekly – clean using a waterless (PH neutral) timber floor cleaning fluid and microfibre mop, otherwise mop the floor using a well rung out damp mop (the floor should be dry 15 seconds after mopping) and a non-abrasive soap-free cleaner (suitable for timber floors) to remove any footprints, dirt and other stains or marks. Never flood the floor with water. Excessive water can damage your floor. Promptly soak up bulk liquid spills.
- As required – stubborn scuffs and stains can also easily be removed using a damp cloth or sponge with a diluted solution of methylated spirits. Ensure the methylated spirits is completely rinsed from the floor.

When cleaning the floor:

- Never use abrasive cleaners, nylon scouring pads, steel wool, scouring powder or bleach as they may damage the floor.
- Never use oil, soap, wax or polishes as these finishes may make the floor slippery and can leave a dull finish on the floor.
- Never use a steam-mop or steam-cleaner.



Contacts for Service Personnel

Warranty Information

We understand that from time to time you may encounter issues with your appliances. If this is the case, we ask that you contact the supplier or manufacturer directly on the numbers provided below.

Be prepared to provide the model and serial number of the appliance, along with the settlement date of your Apartment. Warranties generally cover the product from defects for a minimum period of 12 months from the date of settlement; however, we ask that you refer to the enclosed warranty card for definitive timeframes.

Please see attached Warranty Pack provided for all information regarding Directions of Use and warranty (see pg 22).

Strata/Building Contacts

For Civium Strata Management please call 1300 724 256 during business hours or email clientservices@civium.com.au and provide them with your address.

Oaks Crown's **Building Manager**

Email: wodenbm@civium.com.au

Phone: 0402 192 713

Strata Manager - Monique Bosma

Email: monique.bosma@civium.com.au

Appliance	Supplier	Contact	Additional Information
Dishwasher	Harvey Norman	Customer Service	1300 562 695 Online form: harveynormancommercial.com.au/customer-service-request-for-end-user
Oven/Cooktop/ Rangehood/Dryer	Harvey Norman	Customer Service	1300 562 695 Online form: harveynormancommercial.com.au/customer-service-request-for-end-user
Airconditioning	Millenium	Pat Barr	0457 444 494
Electrician	All Star Electrical	Joe Tominac	0418 624 632
Plumber	Advanced Plumbing	Jason Hooper	0429 693 184
TV, Phone & Security	All Star Electrical	Joe Tominac	0418 624 632



Hot/Cold Water Shut Off Valve Location

Located above Unit entry door.





Electrical Meter Location

Located on your level inside the Service Room, this is only accessible by authorised personnel.





Defects and your 270-day Maintenance Period

At Milin Builders, we pride ourselves on delivering high quality living and good investments to our clients. Under your contract, there is a maintenance period of 270 days which gives Milin the opportunity to work with you to make good any defects which may not be evident at the time of settlement. We have a specific process for submitting maintenance claims to ensure they are attended to in an efficient and reasonable time frame.

At around 10 weeks from settlement, Milin Builders will send you a letter requesting that you report your initial 90 day maintenance issues so they can work to rectify these for you. Please remember that issues relating to your appliances, electrical, airconditioning and plumbing etc must first be addressed with the contractors/suppliers before contacting Milin - Milin cannot assist with issues that do not relate to building defects.

Owners may notify Milin of subsequent defects that arise up to 270 days from settlement via email to our Quality Controller at oaks2@milin.com.au with the following particulars:

- 1) In the subject line of the email, include the project name and your unit number (eg. Oaks Crown Unit 999).
- 2) In the body of the email include:
 - a) your first and last name and a contact telephone number available during business hours, AND
 - b) the name and mobile phone number of the person who will be enabling access into the unit, AND
 - c) details of your maintenance issue/s, including attaching photographs where applicable.

Maintenance days with relevant contractors will be arranged to attend to your issues and you will be given notice of these. Any new issues highlighted or added after 270 days of the notification window to an already existing list (that is being resolved), would not be able to be addressed by Milin Builders or any of our subcontractors.

Please ensure you review the Guide to Standards & Tolerances at <https://www.planning.act.gov.au/build-buy-renovate/build-buy-or-renovate/building-101/standards-and-tolerances> before listing your issues.

Milin Builders will always endeavour to respond to any claims expeditiously. If your issue has not been addressed in a reasonable time frame, please telephone us on 02 6260 3338.

If you have an urgent maintenance issue, please telephone 02 6260 3338 during business hours or your strata manager after hours.



Digital Copies of Documents

A digital copy of this manual is also available online at milin.com.au/building-manuals.

The Home Owner's Manual and your settlement pack includes information on:

- **Utilities:**
 - An information sheet that provides an overview of the energy infrastructures in place at Oaks Crown.
 - Origin Energy information and forms regarding their gas, hot water and electricity connections.
 - An information sheet about your broadband infrastructure, supplied by Opticomm.
- **Appliance Manuals and related Warranties**

Download the manual and related warranty information (as per the developments' Inclusions List) by scanning the appropriate QR code below with your phone camera. If you have further questions, please contact Harvey Norman direct, as per the 'Contacts for Service Personnel' on pg 18.

Toshiba Airconditioning (split type)



Fisher & Paykel Vented 4.5kg Dryer
DE4560M2

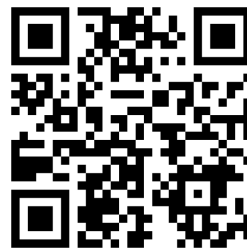




Ariston Undermount Rangehood
ARU52BX-L



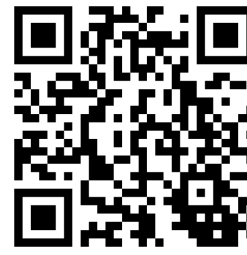
Smeg Dishwasher
DWA16214X2



Smeg Gas Cooktop
CIR66XS3



Smeg 60cm Oven
SFA6500TVX



Homeguard Photoelectric Smoke Alarm
PSA HG3000





Your broadband network provider.

Opticomm builds and maintains the Fibre to the Premises (FTTP) network that connects you to the internet.

To choose a phone and/or internet plan that suits your needs, speak to one of many available service providers today.

A world-class fibre network that's built on better®

Not all fibre is created equal. In fact, Opticomm's network not only delivers superfast speeds, it's also built on next-generation technology, designed to keep pace with change. We chose Opticomm so that you could get the benefits of a network that's built for tomorrow – today.



Better speeds

Get immediate access to speeds up to 1Gbps.[^] Opticomm's network is built to support multi-gigabit speeds and scale with growing demand.



Better choice

Enjoy the freedom to choose from 50+ phone and internet providers.* So now you can shop around for the perfect plan to suit your needs and budget.



Better connectivity

Relax with increased bandwidth that delivers a reliable connection. Now more people can use more devices more of the time, with less dropouts and lag.

[^]Speeds of 1Gbps are subject to service provider availability. ^{*}Some service providers may not operate in your state or territory. We recommend you contact your preferred service provider to identify whether they may service your area.

Visit opticomm.com.au/connect to choose a service provider that suits your needs or call us on **1300 137 800**.

Mon-Fri 8:00am - 8:00pm AEST | Sat 9:00am - 1:00pm AEST



Dear Resident

11 Irving St Phillip ACT 2606 (Oaks Crown)

Important information about your electricity supply

While you're settling into your new home, we'd like to let you know about the electricity arrangement in your building.

What you need to do

You'll need to sign up to an electricity offer to ensure your electricity is connected. You can do this in one of three ways:

- Online: Complete the 'Move in' form online at <https://www.originenergy.com.au/for-home/electricity-and-gas/info/centralised-electricity.html>
- Email or fax: Complete the 'Move in' form attached and email it to us at eensales@originenergy.com.au or fax it to **03 8635 3012**, or
- Call us on **1800 684 993** between 8 am to 6 pm Monday to Friday.

Please note, you don't have to sign up to an Origin electricity offer, but you do need to sign up with an energy retailer to ensure your electricity supply stays connected. Give us a call on **1800 684 993** to discuss your options.

Your electricity arrangement and rates

Your building has a centralised electricity arrangement with Origin, which means that electricity is bought in bulk for all the tenants. That's good news because you'll enjoy rates that are discounted from our standard rates when you sign up to an Origin electricity offer. Plus, each property has its own electricity meter, so you're only billed for the electricity you use.

Your Current Rate in this Welcome Letter are current as at 01.01.2023 and are generally subject to change In January and July annually:

	Unit	incl. GST
All Consumption	cents per kWh	25.157
Daily Supply Charge	cents per day	119.086

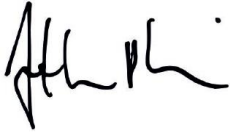
Your current rates and supply charge *

The above residential rate is 15%, off the relevant current reference price in the ACT.

- For residential customers this is based on a customer who consumes 6,100kWh a year on a flat tariff in Evoenergy's network and the lowest annual price based on this consumption is \$1,695.

Any questions?

Just give us a call on **1800 684 993** (8 am to 6 pm Monday to Friday) - we'll be happy to help.

A handwritten signature in black ink, appearing to read 'Jonathan Briskin'.

Jonathan Briskin
General Manager, Retail

Origin Energy Centralised Energy Services

For owners and residents in apartment blocks and buildings



“Oaks Crown”

11 Irving St Phillip ACT 2606

Origin Services at “Oaks Crown”

Thanks for using Origin as your embedded network services. We look forward to working with you to make sure the centralised energy services in your building is as easy as possible to manage.

We provide the following services to your building:

- Electricity
via an embedded network

The following pages in this pack outline these services and will answer any questions you may have. We also have a specialised team available to chat in person for when you need help.

We look forward to working alongside with you and into the future!

Kind regards,

The Origin Team

Electricity move in form

[Download form here](#)

ACT, NSW, QLD, SA & VIC

Moving In



Application for centralised electricity

Use this form to ask Origin to set up your centralised electricity at a property in the Australian Capital Territory, New South Wales, Queensland, South Australia or Victoria.

Your building has a centralised electricity system for which Origin is the retailer. This means that electricity is bought in bulk and provided to you at competitive rates. Each property has its own electricity meter, so you're only billed for the electricity you use. To arrange your electricity supply, please complete the online form at originenergy.com.au/ea/openonline or fill in the form below and email or fax it to us. For more information about centralised electricity, call us on 1800 684 999.

Some apartments may also have centralised hot water systems, air conditioning systems or gas cooktops. Check with your owners corporation or building representative if you need to arrange connection for these services. If you're not sure, just give us a call on 1800 684 999 - we're happy to help.

Meter no. (Optional)

Moves in date

Property ☐ Owner ☐ Occupier

1. Account holder details

Full name

DOB Phone

Email

Driver's licence if available

2. Authorised contact details

Company if applicable

ABN

Full name

DOB Phone

Email

Driver's licence if available

Please send me my Origin communications (including bills) by:

☐ Email ☐ Standard post

(If email, make sure you've given us your email address above)

3. Supply Address

Lot Level Unit no.

Street no. Street

Suburb

State QLD Postcode

4. Postal details

(If none as supply address, write as above - If email, write email)

Lot Level Unit no.

Street no. Street

Suburb

State QLD Postcode

5. Equipment reliant on energy

Will there be life support machines or any medical equipment installed at your address that's reliant on your energy supply?

☐ Yes ☐ No

If you have selected 'Yes', once the sign up process has been completed, we'll send you a form to complete and return to us.

Continued on reverse >


Reference only, actual form emailed

Electricity move out form

[Download form here](#)

ACT, NSW, QLD, SA & VIC

Moving Out



Application to close your centralised electricity account

Use this form to ask Origin to close your centralised electricity account at a property in the Australian Capital Territory, New South Wales, Queensland, South Australia and Victoria.

When you move out, you must let Origin know so we can finalise your account and send out a final bill. You can:

- complete the online form at originenergy.com.au/ccloseonline, or
- fill in the form below and email it to us at seesales@originenergy.com.au or fax it to 03 9635 3012

There's a disconnection fee of \$27.84 (incl GST) that will appear on your final bill.

It is important that you give us a contact phone number so we can easily reach you. We may need to call you to discuss how your final bill will work if, for example, you're on an EasyPay plan, Centrepay, your account's in credit or other scenarios.

Meter no.

Move out date / /

Move out time am pm

1. Account holder details

Full name

DOB Phone

Account no.

Email

Driver's licence if available

2. Supply Address

Lot Level Unit no.

Street no. Street

Suburb

State Postcode

Building name

3. Forwarding address or email

(if we can send your final bill to this address)

Lot Level Unit no.

Street no. Street

Suburb

State Postcode

Email

Do you need an electricity account opened at your new Supply Address?

☐ Yes ☐ No

If yes, we'll contact you with some great offers.

Account holder name

Date / /

Signature (must be account holder)

Basic Plan Information Documents are information sheets that contain all the key details about a plan and are available on request, or at originenergy.com.au/bpifid for generally available plans.

For VIC and WA customers, Fast Sheets containing all the key details about the offer are available upon request or at originenergy.com.au/bpifid for generally available plans.

[Reset form](#)

If you'd like more information about centralised electricity, just call us - we're around 9am to 5pm EST weekdays

[1800 684 993](tel:1800684993) originenergy.com.au/ccloseonline seesales@originenergy.com.au

Origin Energy Retail Limited ABN 22 074 686 433 • Origin Energy Retail Pty Limited ABN 11 028 073 283 • Origin Energy Electricity Limited ABN 22 071 052 287
Origin Energy QLD Limited ABN 17 020 038 894 • Origin Energy Retail QLD Pty Limited ABN 12 048 006 014 • Origin Energy Retail SA Pty Limited ABN 15 078 948 196 • 1101 Theunissen Street, Adelaide SA 5000
Telephone 13 24 62 • Facsimile 8002 552 463 • Web originenergy.com.au/ccloseonline

Reference only

Open your new Electricity account easily

You can sign-up instantly with QScan



Step 1

Scan the code with your phone camera

Step 2

Fill in the prompts

Step 3

Let Origin do the rest!

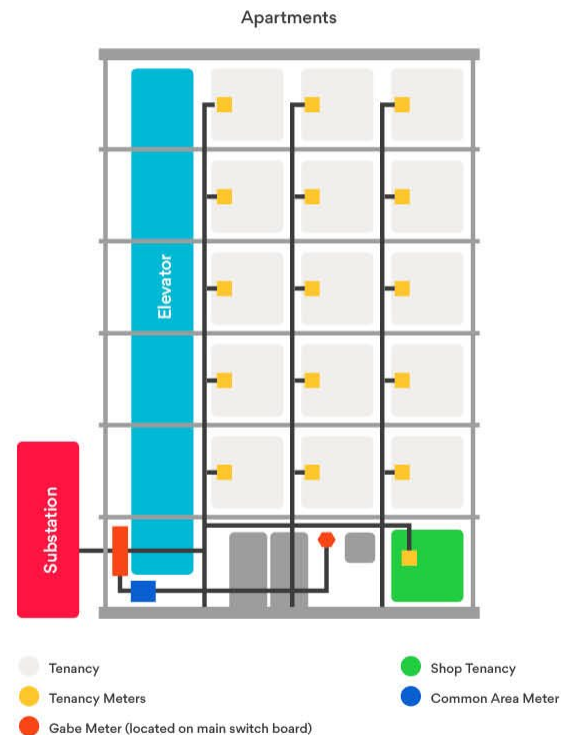
Embedded Electricity

Embedded networks are private electricity networks servicing multiple apartments on the one site or in the one building. Origin pays for all the power at the Parent meter and then, via your own individual electricity smart-meter, we provide a competitive rate for your electricity consumed. The Body Corporate, any common areas and any retail outlets on your site will have their own meter.

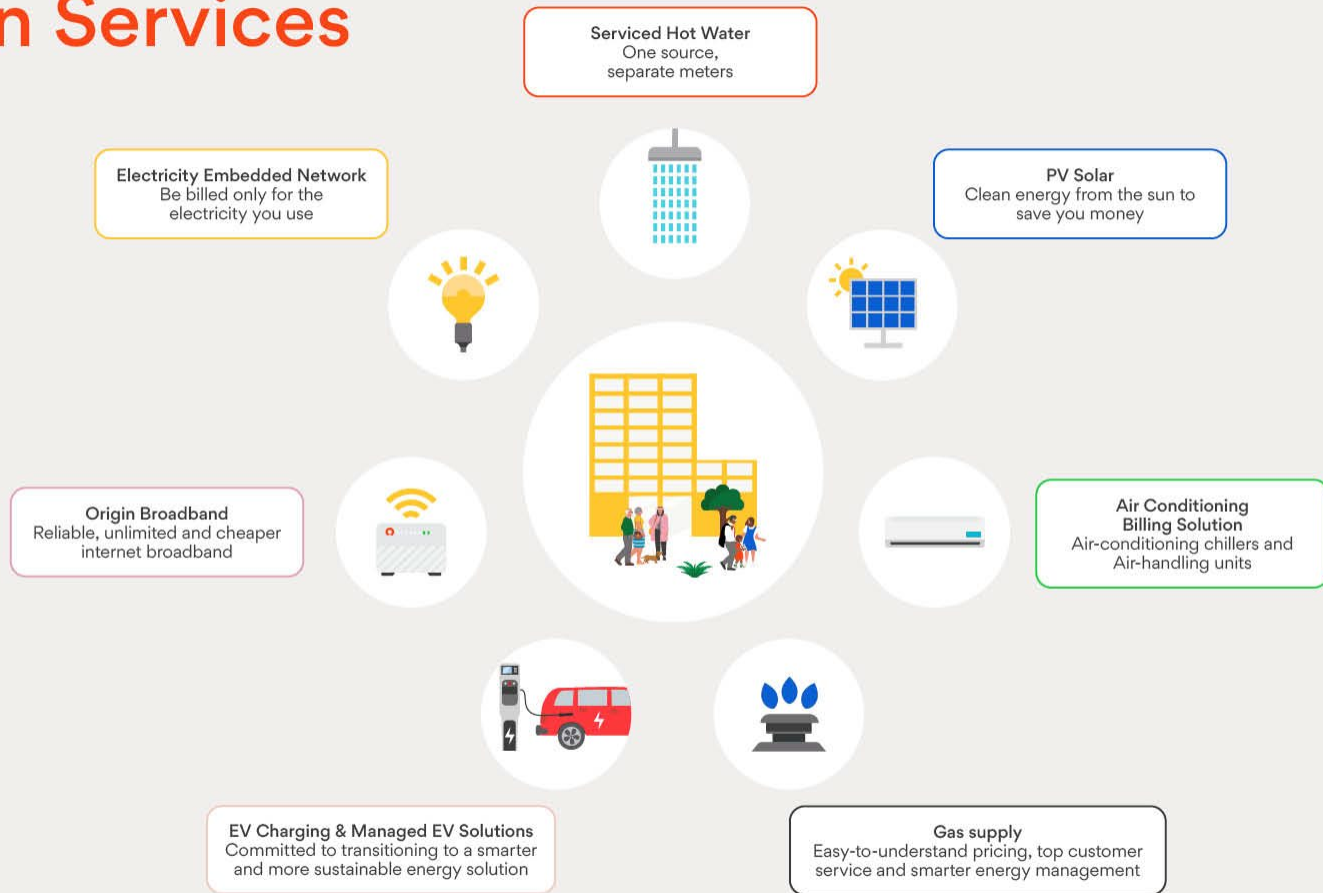
The electricity meters and remote meter reading system in your building are owned by either Origin or a Meter Provider.

There are no minimum length contracts and prices are normally updated about once a year, with any concessions and rebates that are eligible factored into the regular bills. Each apartment or retail tenancy can check their account and monitor their usage online 24/7 using My Account or the Origin app.

If you have any questions about centralised electricity, there is a dedicated team available to assist **Monday-Friday, 8am – 6pm. Just give our specialised team a call on 1800 684 993.**



Origin Services



The Origin Advantage



Brand Recognition

- Safety & Security of Australia's Largest Retailer
- Customer Comfort



Compliance

- Comply to Current and Future Regulation
- Tier 1 Energy Retailer Obligations
- Retail Energy under a Retail Licence



Capability

- Scale and Resources to Deliver on Promises
- Asset Management
- National Response Centre
- 4.2 million Customer Accounts/ Over 200,000 Embedded Network Accounts



Agreements

- No Lock in Agreements
- Flexibility
- Competitive Pricing



Experience

- Over 250,000 High-Rise Customers
-

For more information

Talk to us

If you have a question about centralised electricity
or hot water, just give our team a call:

1800 684 993

Monday – Friday
8am – 6pm

Email us

centralisedhotwater@originenergy.com.au

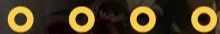
Or jump online at

[originenergy.com.au](https://www.originenergy.com.au)



Origin Energy Centralised Energy Services

For owners and residents in apartment blocks and buildings



“Oaks Crown”
11 Irving St
Phillip ACT 2606

Origin Services at “Oaks Crown” 11 Irving St Phillip ACT 2606

Thanks for using Origin as your embedded network services. We look forward to working with you to make sure the centralised energy services in your building is as easy as possible to manage.

We provide the following services to your building:

- **Hot Water**
via a centralised hot water plant
- **Unmetered Cooker Gas**

The following pages in this pack outline these services and will answer any questions you may have. We also have a specialised team available to chat in person for when you need help.

We look forward to working alongside with you and into the future!

Kind regards,

The Origin Team

Forms


For use by owners corporation, residents and tenants

- Hot Water move in form
- Hot Water move out form



Hot water move in form

[Download form here](#)

ACT, NSW, QLD, SA & VIC **Moving In** 

Application for a centralised hot water account

● ● ● ●

Use this form to ask Origin to set up your centralised hot water at a property in the Australian Capital Territory, New South Wales, Queensland, South Australia and Victoria.

Your building has a centralised hot water system. As arranged with the Body Corporate, each apartment is to be metered and billed separately for its own hot water usage. Some apartments may also have a gas cooktop (please indicate by ticking the appropriate box below).

Complete the online form at originenergy.com.au/bhwopenonline or fill in the form below and email it to us at bhwmove@originenergy.com.au or fax it to 03 8635 3012.

If you require information about your charges for hot water and, if applicable, gas for your cooktop, please contact us on 1800 684 999. These charges will also appear on your first bill.

Supply type ☐ Hot water ☐ Cooktop ☐ Heating

PCD ID optional

Move in date / /

Property ☐ Owner ☐ Renter

1. Account holder details

Full name

DOB Phone

Account no.

Email

Driver's licence # if available

or

Business name

ABN

Contact name

Work phone

2. Authorised contact

Full name

DOB Phone

Email

3. Supply Address

Lot Level Unit no.

Street no. Street

Suburb

State QLD Postcode

Building name

4. Postal address for accounts

(If same as supply address, enter as above - if not, enter here)

Lot Level Unit no.

Street no. Street

Suburb

State QLD Postcode

Continued on reverse >

Reference only


Hot water move out form

[Download form here](#)

Finalisation Application for Hot Water and Cooktop

Moving out?

Phone: 1800 684 993 or
Fax form to: 03 8638 3012 or
Complete online at: originenergy.com.au/bhwclosonline or
Email form to: bhwmov@originenergy.com.au



Supply type ☐ Hot water ☐ Cooktop ☐ Heating

Move out date / /

Account details

Title Mr / Mrs / Miss / Ms Account number

First name Surname

Supply address

Unit / Flat number Street number

Street:

Suburb: State Postcode

Building name

Forwarding address or email

Address

Suburb State Postcode

Do you need a hot water account opened at your new supply address? ☐ Yes ☐ No

New supply address (if applicable)

Unit / Flat number Street number

Street

Suburb State Postcode

Building name

I wish to close the above hot water and/or gas cooktop accounts at the above address from the 'move out' date set out above. Please sign below and we will finalise your account.

Signature Date / /

Name of person signing

If you are not the Account Holder, you warrant that you have the authority of the Account Holder to submit and sign this application on the behalf. Origin may request proof of your authority.

*8 days notice is required for final meter read. Note if you do not provide this notice or access to your meter for the final meter read you will need to pay us any charges until the end of the notice period or your meter is read (as applicable).

Origin Energy Retail Ltd ABN 25 018 888 425 • 1 King William Street, Adelaide SA 5000 • Telephone 13 24 62 • Facsimile 1800 702 485

[Reset form](#)

Reference only

Serviced Hot Water

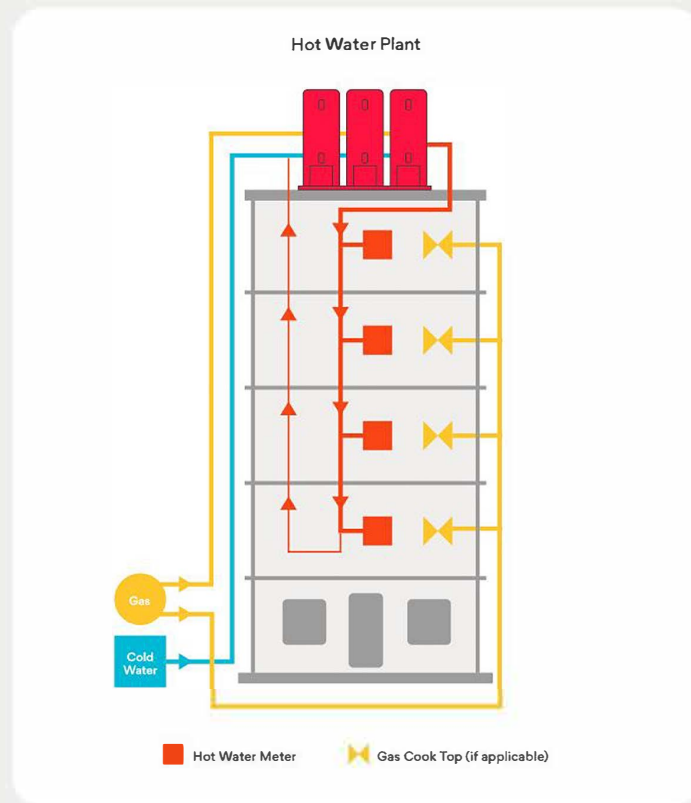
Origin owns, operates and services the centralised hot water plant and hot water meters on your site. Hot water is heated using natural gas/Elec/LPG which is paid for also by Origin. It is then circulated around your building to each apartment.

Each apartment in the building has their own hot water meter so that residents are only billed for the energy used to heat the hot water. Most meters are read remotely, meaning no one needs to attend your apartment to read the meters.

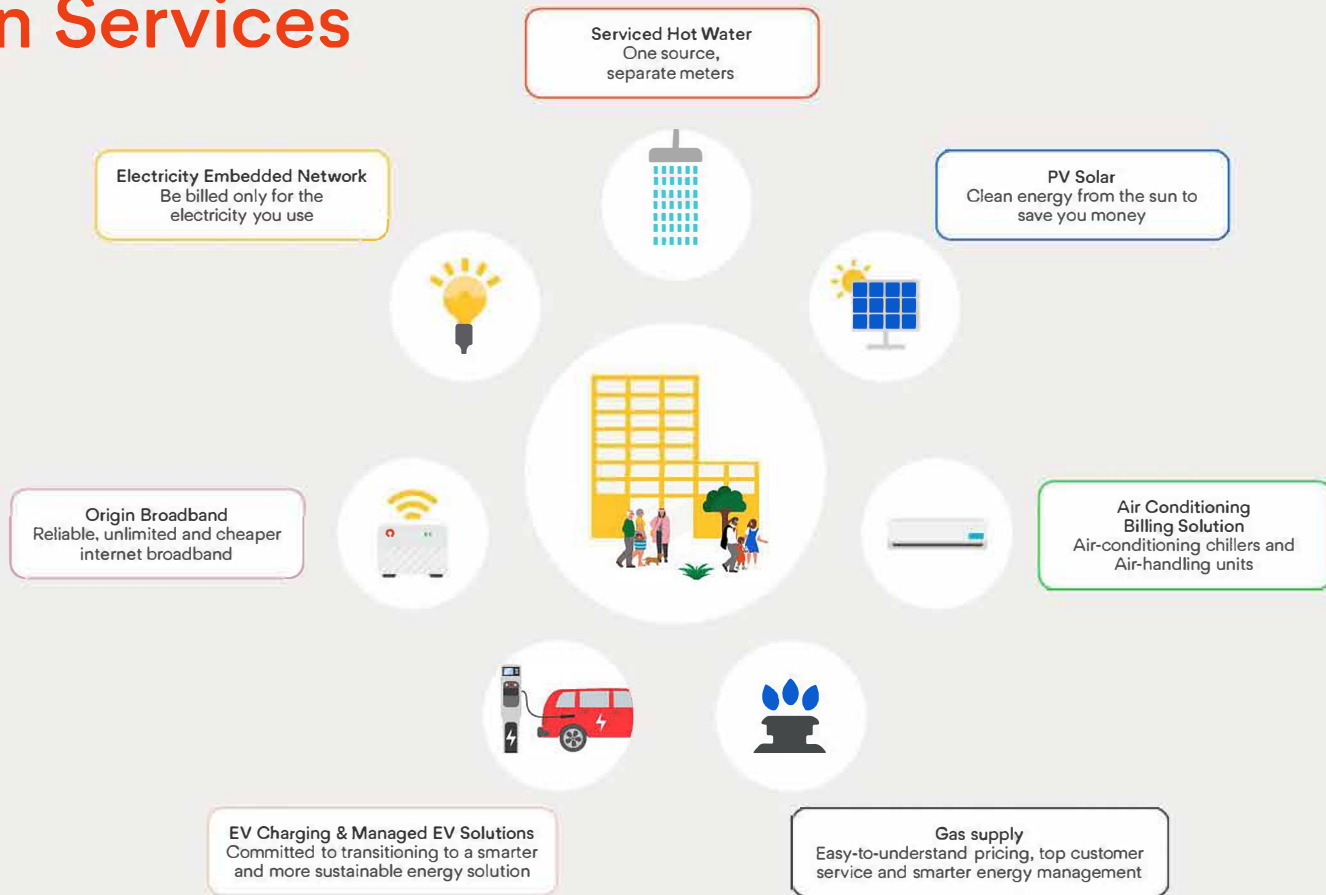
There are no minimum length contracts and prices are normally updated about once a year. The Owners Corporation may also have a hot water account for the common areas e.g. toilets, gym, pool change rooms. Each apartment tenancy can check their account and monitor their usage online 24/7 using My Account or the Origin app.

Apartments may also have unmetered gas cooktop and/or heating service. This service is charged at a cents/day rate and each apartment may use as much gas as they like for this same low fee.

Got a question about Serviced hot water? Just give our dedicated team a call on 1800 684 993.



Origin Services



The Origin Advantage



Brand Recognition

- Safety & Security of Australia's Largest Retailer
- Customer Comfort



Compliance

- Comply to Current and Future Regulation
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- Retail Energy under a Retail Licence



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- No Lock in Agreements
- Flexibility
- Competitive Pricing



Experience

- Over 250,000 High-Rise Customers

For more information

Talk to us

If you have a question about centralised electricity
or hot water, just give our team a call:

1800 684 993

Monday – Friday
8am – 6pm

Email us

centralisedhotwater@originenergy.com.au

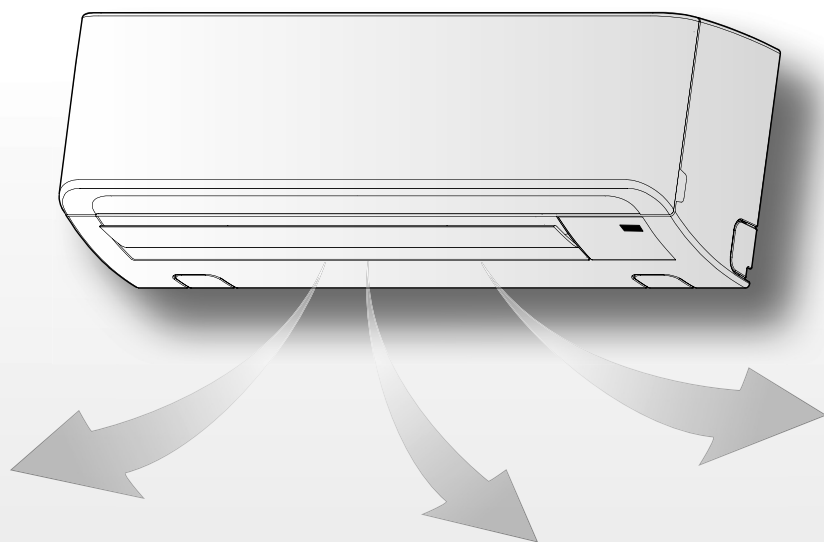
Or jump online at

[originenergy.com.au](https://www.originenergy.com.au)



TOSHIBA

OWNER'S MANUAL



AIR CONDITIONER (SPLIT TYPE)

For general public use

Indoor unit

RAS-10, 13, 16, 18, 22, 24N3KV2 Series

Outdoor unit

RAS-10, 13, 16, 18, 22, 24N3AV2 Series

1110650197

PRECAUTIONS FOR SAFETY

⚠ DANGER

- Do not install, repair, open or remove the cover. It may expose you to dangerous voltages. Ask the dealership or the specialist to do this.
- Turning off the power supply will not prevent potential electric shock.
- The appliance shall be installed in accordance with national wiring regulation.
- Means for disconnection from the supply having a contact separation of at least 3 mm in all poles must be incorporated in the fixed wiring.

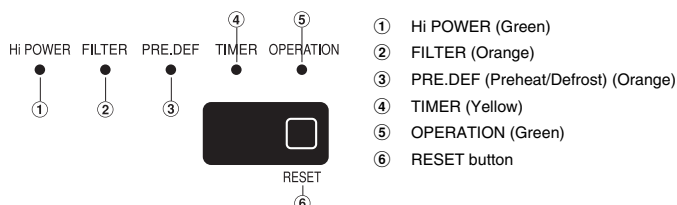
⚠ WARNING

- Do not expose your body directly to cool air for a long time.
- Do not insert your finger or any article into the air inlet/outlet.
- When an abnormality (burning smell, etc.) occurs, stop the air conditioner and turn off the circuit breaker.
- Installation must be requested from the supplying retail dealership or professional installation vendors. Installation requires special knowledge and skill. If customers install on their own, it can be a cause of fire, electric shock, injury or water leakage.
- Do not select a location for installation where flammable gas may leak. If there is any gas leakage or accumulation around the unit, it can be a cause of fire.
- Do not turn ON/OFF the circuit breaker or operate buttons with a wet hand. It may be a cause of electric shock.
- Do not disassemble, modify or relocate the unit by yourself. It may become the cause of fire, electric shock, or water leakage. For repair or relocation, please request service from the supplying retail dealership or a Toshiba dealership.
- Do not select a location for installation where there may be excessive water or humidity, such as a bathroom. Deterioration of insulation may be a cause of electric shock or fire.
- When relocating or repairing the unit, please contact the supplying retail dealership. When there is a kink in the wiring, it may be the cause of electric shock or fire.
- During an error (such as a burning odor, not cooling, or not warming), stop operating the unit and turn off the circuit breaker. Continuous operation may be a cause of fire, or electric shock. Please request repair or service from the supplying retail dealership or a Toshiba dealership.
- Earth work should be requested from the supplying retail dealership or professional vendors. Insufficient grounding work may be the cause of electric shock. Do not connect the earth wire to a gas pipe, water pipe, lightning conductor, or telephone earth wire.
- If the indoor unit piping outlet is exposed due to relocation, close the opening. Touching internal electrical parts may cause injury or electric shock.
- Do not insert any material (metal, paper, or water, etc) into the air outlet or air intake opening. Fan may be rotating at high speed inside or there are high voltage sections, which may cause an injury or electric shock.
- You must use a independent power outlet for the power supply. If a power outlet other than the independent outlet is used, it may cause a fire.
- When the air-conditioning unit does not cool or warm, there may be a leakage of refrigerant. Please consult the supplying retail dealership. The refrigerant used in the air-conditioning unit is safe. It will not leak under normal operating conditions but if it leaks into the room and contacts a heat source such as a heater, or stove, it may cause a harmful reaction.
- When water or other foreign substances enter the internal parts, stop operating the unit immediately and turn off the circuit breaker. Operating the unit continuously may cause fire or electric shock. Please contact the supplying retail dealership for repair.
- Do not clean the inside of the air-conditioning unit yourself. Please request internal cleaning of the air-conditioning unit from the supplying retail dealership. Incorrect cleaning may cause breakage of resin parts or insulation defects of electrical parts, causing water leakage, electric shock or fire.
- Do not damage or modify the power cable. Do not connect the cable midway, or use a multiple outlet extension cord that is shared by other devices. Failure to do so may cause fire.
- Do not place heavy objects on the power cable, expose it to heat, or pull it. To do so may cause electrical shock or fire.
- 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 use any refrigerant different from the one specified for complement or replacement. Otherwise, abnormally high pressure may be generated in the refrigeration cycle, which may result in a failure or explosion of the product or an injury to your body.

⚠ CAUTION

- Check that the circuit breaker is installed correctly. If the circuit breaker is not properly installed, it may cause an electric shock. To check the installation method, please contact the supplying retail dealership or the professional vendor who installed the unit.
- When using the unit in a closed room, or operating with other combustion appliances, make sure to open a window occasionally for ventilation. Insufficient ventilation may cause suffocation due to a lack of oxygen.
- Avoid operating for long periods in a high humidity environment (over 80%) such as with the windows or doors open. There may be condensation on the indoor unit and droplets may fall onto the furniture.
- When the unit won't be used for a long time, turn off the main switch or the circuit breaker.
- It is recommended that maintenance be performed by a specialist when the unit has been operated for a long time.
- At least once a year check if the mounting table of the outdoor unit is damaged or not. If a damaged state is ignored, the unit may fall or over-turn, causing an injury.
- Stand on a sturdy ladder when attaching/detaching the front panel/air filter/air cleaning filter. Failure to do so may cause a fall or injury.
- Do not stand on the outdoor unit or place anything on the unit. It may be the cause of injury due to falling or over-turning. Any damage to the unit may cause an electric shock or fire.
- Do not use combustion appliances in the direct flow of the air from the air-conditioning unit. Poor combustion of a combustion appliance may cause suffocation.
- Do not place anything around the outdoor unit or allow fallen leaves to accumulate around it. If there are fallen leaves, small animals could enter and contact internal electrical parts, causing a failure or fire.
- Do not place animals and plants in places where wind from the air-conditioning unit flows directly. It may have a negative influence on the animal or plant.
- Ensure that drained water is discharged. When the discharging water process is not sufficient, water may leak, causing water damage to furniture. To check that the installation method used is correct, please contact the supplying retail dealership or the professional vendor who installed the unit.
- Do not place any containers such as a vase containing fluid on the unit. It might cause water to enter the unit and deteriorate the electrical insulation, causing an electric shock.
- Do not use for special applications such as storage of food or animals, or to display plants, precision devices, or art objects. Do not use on ships or in other vehicles. It may cause a failure in the air-conditioning unit. In addition, it may damage these items.
- Do not place other electrical appliances or furniture under the unit. Water droplets might fall, causing damage or failure.
- When cleaning, you must stop operating the unit and turn off the circuit breaker. Since the fan inside may be rotating at high speed, it may cause an injury.
- Do not wash the main air-conditioning unit with water. It may cause an electric shock.
- After the front panel/air filter is cleaned, wipe away any water and allow to dry. If water remains, it may cause an electric shock.
- Once the front panel is removed, do not touch the metal parts of the unit. It may cause an injury.
- Do not touch the air intake section or the aluminum fins of the unit. It may cause injury.
- When you hear thunder and there might be a lightning strike, stop operating the unit and disconnect the circuit breaker. If lightning strikes, it may cause a failure.
- Batteries for remote control unit:
 - Should be inserted with correct polarity (+) and (-).
 - Should not be recharged.
 - Do not use batteries for which the "Recommended usage period" has expired.
 - Do not keep used batteries inside the remote control unit.
 - Do not mix different types of batteries, or mix new batteries with old ones.
 - Do not directly solder the batteries.
 - Do not short-circuit, disassemble, heat, or throw batteries into a fire. If batteries are not disposed of correctly, they may burst or be the cause of fluid leakage, resulting in burns or injuries. If touching the fluid, wash thoroughly with water. If it touches devices, wipe off to avoid direct contact.
 - Do not place within reach of small children. If a battery is swallowed, consult a doctor immediately.
- The manufacturer shall not assume any liability for the damage caused by not observing the description of this manual.

1 INDOOR UNIT DISPLAY



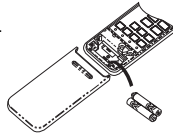
2 PREPARATION BEFORE USE

Preparing Filters

1. Open the air inlet grille and remove the air filters.
2. Attach the filters. (see detail in the accessory sheet).

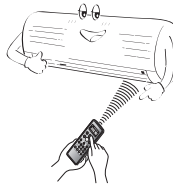
Loading Batteries (when use wireless operation.)

1. Remove the slide cover.
2. Insert 2 new batteries (AAA type) following the (+) and (-) positions.



Clock Setup

1. Push **CLOCK** by tip of the pencil.
If timer indication is flashing, go to the next step 2.
2. Press **ON** or **OFF** : adjust the time.
3. Press **SET** : Set the time.



Remote Control Reset

Push **RESET** by tip of the pencil or

1. Remove the batteries.
2. Press **RESET**.
3. Insert the batteries.

3 AIR FLOW DIRECTION

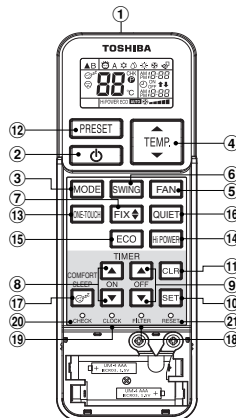
1	Press FIX : Move the louver in the desired vertical direction.	
2	Press SWING : Swing the air automatically and press again to stop.	
3	For horizontal direction, adjust manually.	

Note:

- Do not move the louver manually by others.
- The louver may automation positioning by some operation mode.

4 REMOTE CONTROL

1. Infrared signal emitter
2. Start/Stop button
3. Mode select button (MODE)
4. Temperature button (TEMP)
5. Fan speed button (FAN)
6. Swing louver button (SWING)
7. Set louver button (FIX)
8. On timer button (ON)
9. Off timer button (OFF)
10. Setup button (SET)
11. Clear button (CLR)
12. Memory and Preset button (PRESET)
13. One-Touch button (ONE-TOUCH)
14. High power button (HI-POWER)
15. Economy button (ECO)
16. Quiet button (QUIET)
17. Comfort sleep button (COMFORT SLEEP)
18. Filter reset button (FILTER)
19. Set clock button (CLOCK)
20. Check button (CHECK)
21. Reset button (RESET)



Note:

- The provided Remote Controller is a wireless type, which also can be used as a wire. Please see "How to Connect The Remote Controller for Wired Operation", located in installation instruction, in case of wired control is required.
- In wire operation, remote controller will return to initial condition (PRESET, TIMER and CLOCK will return to initial condition) when user shutdown power supply of Air conditioner.

5 ONE-TOUCH

Press the "ONE-TOUCH" button for fully automated operation that is customized to the typical consumer preferences in your region of the world. The customized settings control temperature air flow strength, air flow direction and other settings to provide you alternate contact with "ONE-TOUCH" of the button. If you prefer other settings you can select from the many other operating functions of your Toshiba unit.

Press **ONE-TOUCH** : Start the operation.

6 AUTOMATIC OPERATION

To automatically select cooling, heating or fan only operation

1. Press **MODE** : Select A.
2. Press **TEMP** : Set the desired temperature.
3. Press **FAN** : Select AUTO, LOW -, LOW+ -, MED -, MED+ -, or HIGH -.

7 COOLING / HEATING / FAN ONLY OPERATION

1. Press **MODE** : Select Cool ❄️, Heat ☀️, or Fan only 🌀.
2. Press **TEMP** : Set the desired temperature.
Cooling: Min. 17°C, Heating: Max. 30°C, Fan Only: No temperature indication
3. Press **FAN** : Select AUTO, LOW -, LOW+ -, MED -, MED+ -, or HIGH -.

8 DRY OPERATION

For dehumidification, a moderate cooling performance is controlled automatically.

1. Press **MODE** : Select Dry ☁️.
2. Press **TEMP** : Set the desired temperature.

9 Hi-POWER OPERATION

To automatically control room temperature and airflow for faster cooling or heating operation (except in DRY and FAN ONLY mode)

Press **HI-POWER** : Start and stop the operation.

10 ECO OPERATION

To automatically control room to save energy (except in DRY and FAN ONLY mode)

Press **ECO** : Start and stop the operation.

Note: Cooling operation; the set temperature will increase automatically 1 degree/ hour for 2 hours (maximum 2 degrees increase). For heating operation the set temperature will decrease.

11 TEMPORARY OPERATION

In case of the misplaced or discharged remote control

- Pressing the RESET button, the unit can start or stop without using the remote control.
- Operation mode is set on AUTOMATIC operation, preset temperature is 25°C and fan operation is automatic speed.



12 TIMER OPERATION

Set the timer when the air conditioner is operating.

Setting the ON Timer		Setting the OFF Timer	
1	Press ON : Set the desired ON timer.	1	Press OFF : Set the desired OFF timer.
2	Press SET : Set the timer.	2	Press SET : Set the timer.
3	Press CLR : Cancel the timer.	3	Press CLR : Cancel the timer.

Daily timer allows the user to set both the ON & OFF timers and will be activated on a daily basis.

Setting Everyday Timer

1	Press ON : Set the ON timer.	3	Press SET
2	Press OFF : Set the OFF timer.	4	Press SET : button during the (I or I) mark flashing.




- During the every day timer is activating, both arrows (I, I) are indicated.

Note:

- Keep the remote control in accessible transmission to the indoor unit; otherwise, the time lag of up to 15 minutes will occur.
- The setting will be saved for the next same operation.

13 PRESET OPERATION

Set your preferred operation for future use. The setting will be memorized by the unit for future operation (except airflow direction).

1. Select your preferred operation.
2. Press and hold  **PRESET** for 3 seconds to memorize the setting. The  mark displays.
3. Press  **PRESET** : Operate the preset operation.

14 AUTO RESTART OPERATION


To automatically restart the air conditioner after the power failure (Power of the unit must be on.)

Setting

1. Press and hold the RESET button on the indoor unit for 3 seconds to set the operation. (3 beep sound and OPERATION lamp blink 5 time/sec for 5 seconds)
2. Press and hold the RESET button on the indoor unit for 3 seconds to cancel the operation. (3 beep sound but OPERATION lamp does not blink)
 - In case of ON timer or OFF timer are set, AUTO RESTART OPERATION does not activate.

15 QUIET OPERATION


To operate at super low fan speed for quiet operation (except in DRY mode)

Press  **QUIET** : Start and stop the operation.

Note: Under certain conditions, QUIET operation may not provide adequate cooling due to low sound features.


16 COMFORT SLEEP OPERATION

For comfortable sleep, automatically control air flow and automatically turn OFF.

Press  **COMFORT SLEEP** : Select 1, 3, 5 or 9 hrs for OFF timer operation.

Note: The cooling operation, the set temperature will increase automatically 1 degree/hour for 2 hours (maximum 2 degrees increase). For heating operation, the set temperature will decrease.

17 MAINTENANCE

 Firstly, turn off the circuit breaker.

Filter Reset (Some models only)

FILTER lamp lights on; the filter must be cleaned.



To turn off the lamp, push the RESET button on the indoor unit or the FILTER button on the remote control.

Indoor Unit and Remote Control

- Clean the indoor unit and the remote control with a wet cloth when needed.
- No benzene, thinner, polishing powder or chemically-treated duster.

18 SELF CLEANING OPERATION (COOL AND DRY OPERATION ONLY)

To protect bad smell caused by the humidity in the indoor unit.

1. If the  button is pressed once during "Cool" or "Dry" mode, the fan will continue to run for other 30 minutes, then it will turn off automatically. This will reduce the moisture in the indoor unit.
2. To stop the unit immediately, press the  more 2 times within 30 seconds.

19 OPERATION AND PERFORMANCE

1. Three-minute protection feature: To prevent the unit from being activated for 3 minutes when suddenly restarted or switched to ON.
2. Preheating operation: Warm up the unit for 5 minutes before blowing warm air.
3. Warm air control: When the room temperature reaches the set temperature, the fan speed is automatically reduced and the outdoor unit will stop.
4. Automatic defrosting: Fans will stop during defrost operation.
5. Heating capacity: Heat is absorbed from outdoor and released into the room. When the outdoor temperature is too low, use another recommended heating apparatus in combination with the air conditioner.
6. Consideration for accumulated snow: Select the position for outdoor unit where it will not be subjected to snow drifts, accumulation of leaves or other seasonal debris.
7. Some minor cracking sound may occur when unit operating. This is normal because the cracking sound may be caused by expansion/contraction of plastic.

Note: Item 2 to 6 for Heating model

Air conditioner operating conditions

Operation	Temp. Outdoor Temperature	Room Temperature
Heating	-15°C ~ 24°C	Less than 28°C
Cooling	-10°C ~ 46°C	21°C ~ 32°C
Dry	-10°C ~ 46°C	17°C ~ 32°C




20 TROUBLESHOOTING (CHECK POINT)

The unit does not operate.	Cooling or Heating is abnormally low.
<ul style="list-style-type: none"> • The power main switch is turned off. • The circuit breaker is activated to cut off the power supply. • Stoppage of electric current. • ON timer is set. 	<ul style="list-style-type: none"> • The filters are blocked with dust. • The temperature has been set improperly. • The windows or doors are opened. • The air inlet or outlet of the outdoor unit is blocked. • The fan speed is too low. • The operation mode is FAN or DRY.

21 REMOTE CONTROL A-B SELECTION

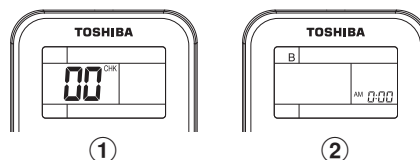
To separate using of remote control for each indoor unit in case of 2 air conditioners are installed nearby.

Remote Control B Setup.

1. Press RESET button on the indoor unit to turn the air conditioner ON.
2. Point the remote control at the indoor unit.
3. Push and hold  button on the Remote Control by the tip of the pencil. "00" will be shown on the display.
4. Press  **MODE** during pushing  **CHECK**. "B" will show on the display and "00" will disappear and the air conditioner will turn OFF. The Remote Control B is memorized.

Note:

1. Repeat above step to reset Remote Control to be A.
2. Remote Control A has not "A" display.
3. Default setting of Remote Control from factory is A.



①

②

MEMO

TOSHIBA

FISHER & PAYKEL

VENTED CLOTHES DRYER

DE7060M, DE6060M,
DE5060M, DE5060MU & DE4560M models

INSTALLATION GUIDE / USER GUIDE

NZ AU SG

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IMPORTANT!

SAVE THESE INSTRUCTIONS

The models shown in this User guide may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, go to our website fisherpaykel.com or contact your local Fisher & Paykel dealer.

Registration

Register your product with us so we can provide you with the best service possible.

To register your product visit our website: fisherpaykel.com

INTRODUCTION

Welcome to your Fisher & Paykel vented dryer

Thank you for purchasing a Fisher & Paykel clothes dryer. We are proud of this dryer and trust it will serve you well for many years.

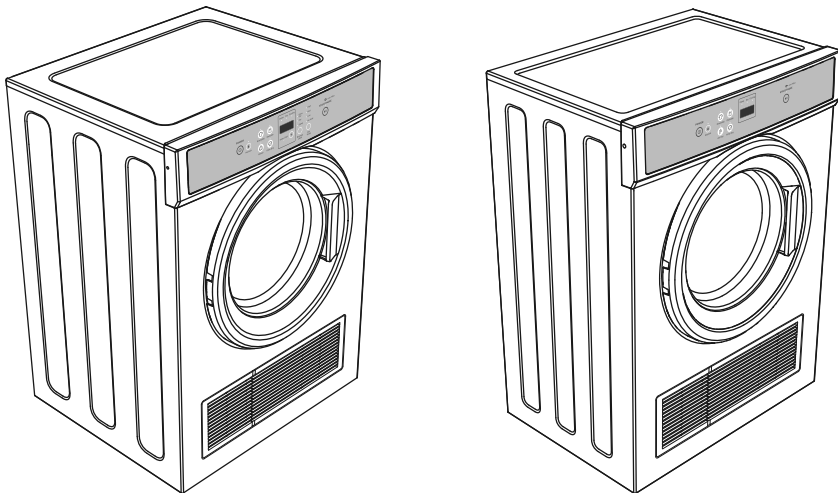
At Fisher & Paykel we aim to provide innovative products that are simple to use, ergonomic, energy efficient and kind to the environment. Thousands of tonnes of laundry and 80 years of laundry experience have been programmed into your dryer to help give you the best possible performance.

Your new dryer gives you the convenience of tumble drying and your clothes the advantage of not being subjected to the harsh overdrying effects of the sun. Your clothes will feel softer, retain their shape better and require less ironing. This dryer has been specifically designed to complement our front loading and top loading Fisher & Paykel washers.

All of our dryers have the ability to automatically sense when your clothes are dry, meaning your dryer is more efficient, making it kinder on your wallet and the environment.

Please take the time to read these instructions carefully before you begin using your dryer. Following the advice in this user guide will ensure you get the performance you expect from your dryer and that you get the best possible results. Keep these instructions for future reference and pass them on with your dryer, if it changes hands.

We hope you enjoy your new dryer. We have certainly enjoyed designing it for you.



Vented clothes dryer

SAFETY AND WARNINGS

Meaning of symbols on the dryer



Warning: Risk of fire/Flammable materials



Read the instructions

WARNING!



Fire Hazard

- Only dry fabrics that have been washed with water.
- Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials, dry on 'Air Dry'.
- Never stop a tumble clothes dryer before the end of the drying cycle unless all items are removed and spread out in order to dissipate the heat.
- A clothes dryer produces combustible lint; the lint filter must be cleaned before each drying cycle.
- Failure to follow the warnings outlined in these user instructions can cause a fire hazard.
- Failure to follow these instructions can result in death or personal injury.

IMPORTANT SAFETY INSTRUCTIONS

WARNING!

- The appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.
- We do not recommend the use of extension cords or portable electrical outlet devices for safety reasons.
- Do not touch or operate the machine with wet hands or with bare-feet.
- A damaged power cord must be replaced by a Fisher & Paykel trained and supported service technician, its service agent or similarly qualified persons in order to avoid a hazard. The appliance must not be operated until it is repaired, as there is risk of electric shock.
- Do not operate this machine if it has been damaged during transport. Contact your Fisher & Paykel dealer or Fisher & Paykel trained and supported service technician.

SAFETY AND WARNINGS

When using this appliance always exercise basic safety precautions including the following:

Dryer use

- This dryer has been designed for domestic use only, not for commercial applications, such as massage/beauty clinics where there may be increased lint accumulation or flammable materials in the atmosphere or load.
- The tumble dryer is intended only for drying textile material washed in water.
- Undergarments that contain metal reinforcements should not be placed in the dryer. Damage to the dryer can result if the metal reinforcements come loose during drying. If you wish to dry these items use a drying rack or place in a garment bag.
- Check and remove all objects from pockets, eg lighters and matches.
- Never dry rubber articles, or any plastic items or film, eg plastic lined tablecloths and baby bibs.
- Clothes should go through the cool down/airing phase in the final part of the cycle. This ensures items are left at a temperature where they will not be damaged. If for any reason the dryer is stopped before the cycle has finished, dry clothes should be removed immediately and not left in the dryer. Clothes should be quickly spread out flat to cool so heat can dissipate, not left bunched up, eg in a clothes basket. Do not operate this product without the lint filter in place or allow lint to accumulate in or around the dryer.
- This dryer is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless given supervision or instruction concerning the use of the dryer by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the dryer.
- Unplug the machine from the power supply when it is not in use.
- Do not swing on or put weight on the door.
- Your dryer is designed to stop operating in the event of power outage. When power is resumed, the machine will remain off until the 'Power' button is pressed. To restart the dryer, press 'Power', select your drying cycle and touch ►||.
- Never attempt to repair the dryer yourself.
- The only user-removable parts of the dryer are the lint filter, drying rack and reversible console. No other parts are designed to be removed by anyone other than a Fisher & Paykel trained and supported service technician.
- For problems that cannot be solved from information in this User Guide, turn off and unplug your dryer and contact a Fisher & Paykel trained and supported service technician.
- Do not overload your dryer beyond its rated capacity:

Model	Maximum capacity
DE4560M	4.5Kg
DE5060M & DE5060MU	5Kg
DE6060M	6Kg
DE7060M	7Kg

- Never put dripping wet clothes in or on top of the dryer as excess water may cause an electrical hazard.
- Do not under any circumstances dry an electric blanket or any other electrical, plastic or rubber items in your dryer, unless the care label specifically states it is safe to do so. Never dry these items at high temperatures.

SAFETY AND WARNINGS

- Do not dry curtains in your dryer. Sunlight makes them brittle and they may disintegrate during drying.
- Do not use the water collected in the water tank for drinking or food processing.
- Never run the dryer without the water tank in place.
- If the water tank becomes full, the tumble dryer will pause drying and will sound an alarm. You must empty the water tank before the dryer can continue drying. Empty the tank, replace it back in the housing then touch ►II to resume the cycle.

Lint

- Accumulated lint in the dryer can become a fire hazard; it also reduces the efficiency of the dryer by causing longer drying times and increased power consumption.
- Clean the lint filter before every load.
- Ensure the area around the dryer is clear of lint.
- At regular intervals have the interior of the dryer cleaned of any accumulated lint. This must be done by a Fisher & Paykel trained and supported service technician. This must be done when the dryer installation is changed from free standing.
- The dryer exhaust ducting should be inspected and cleaned periodically to remove accumulated lint.
- If the lint filter becomes damaged, contact your Fisher & Paykel trained and supported service technician to arrange getting a new filter. Do not operate your dryer with a damaged lint filter or without the filter in place, as this will cause damage to your dryer.

Installation

- The dryer must be installed in a well-ventilated, dust-free environment.
- The dryer must not be installed on any textured floor coverings (eg carpet, rugs) to ensure that openings at the base of the machine are not obstructed.
- Do not install the dryer behind a lockable door, sliding door, or behind a door where the hinge is on the opposite side to that of the dryer in such a way that the full opening of the door is inhibited. Ensure the dryer door can always be opened fully.
- Please refer to INSTALLATION INSTRUCTION section of this document for detailed installation steps.

Spontaneous combustion

IMPORTANT!

To reduce the risk of fire in a tumble dryer the following should be observed:

- Items that have been spotted or soaked with vegetable oil or cooking oil are a fire hazard and should not be placed in a tumble dryer.
- Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as a tumble dryer. The items become warm causing an oxidation reaction in the oil. This oxidation creates heat. If the heat cannot escape the items can become hot enough to catch fire. Piling, stacking or storing oil-affected items can prevent heat from escaping creating a fire hazard.
- If it is unavoidable that fabrics that contain vegetable oil, cooking oil or have been contaminated by hair care products be placed in a tumble dryer, they should first be washed in hot water with extra detergent — this will reduce, but not eliminate the fire hazard. The cool down cycle of the dryer should be used to reduce the temperature of these items. They should not be removed from the tumble dryer and piled or stacked while hot.
- Items that have previously been cleaned in, washed in, soaked in or spotted with flammable liquids or solids, eg petrol/gasoline, kerosene, dry cleaning solvents, vegetable or cooking oil, acetone, denatured alcohol, some brands of spot removers, turpentine, waxes and wax removers or other flammable or explosive substances should not be placed in a tumble dryer.
- Do not dry unwashed items in the tumble dryer.
- The dryer is not to be used if industrial chemicals have been used for cleaning.
- Fabric Softeners or similar products should not be used in a tumble dryer to eliminate the effects of static electricity, unless this practice is specifically recommended by the manufacturer of the fabric softener product.
- Rubber backed articles, foam rubber (latex foam), clothes or pillows fitted with foam rubber pads, fibreglass, shoes containing rubber, shower caps, babies waterproof napkin covers and waterproof textiles should not be dried in the dryer. These materials can when heated produce fire by spontaneous combustion.
- When choosing to tumble dry a duvet/duona use low-medium heat only and make sure the drum is not overloaded due to the risk of overheating and scorching.
- Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.

Disposal

Extreme care must be taken when disposing of your old appliance to avoid hazards.

- When disposing of the dryer, it is recommended that the door is removed to avoid children getting trapped inside, and that the electrical cable is cut off close to the dryer.

INSTALLATION INSTRUCTIONS

Read and follow the 'Safety and warnings' and 'Installation instructions' sections carefully before using your dryer!

Accessories

Please check you received the following accessories with your Fisher & Paykel dryer. You will find them inside the drum:

- 1 x Installation guide/User guide
- 1 x Inverted panel
- 1 x Duct adapter
- 1 x Wall mounting kit

Unpacking

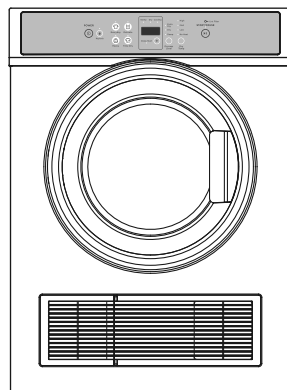
To ensure the best performance from your new dryer please follow the instructions below.

Remove all packaging before use

- ① Remove the outer packaging (including the polystyrene packer and plastic wrapping).
- Ensure packaging materials are kept out of reach of children.
- Help protect the environment and dispose of the packaging from around the dryer in an environmentally friendly manner.
- ② Tilt the dryer backwards and 'walk' it off the base one foot at a time. Not doing so may cause damage to your floor and dryer.
- ③ Remove all packaging and accessories from inside the drum and ensure you remove protective covers from the door and console.

Location

- The dryer must be installed in a well-ventilated, dust-free environment.
- The dryer must not be installed on any textured floor coverings (eg carpet, rugs).
- Do not install the dryer behind a lockable door, sliding door, or behind a door where the hinge is on the opposite side to that of the dryer in such a way that the full opening of the door is inhibited. Ensure the dryer door can always be opened fully.



INSTALLATION INSTRUCTIONS

- Venting
- Correct installation is very important for all dryers to ensure maximum efficiency and safety.
-
- **Never run the dryer unless the airflow system is free from obstruction.**
- There must be adequate ventilation to avoid the back flow of gases into the room from appliances burning fuels, including open fires, when operating the dryer.
- Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.
- External venting
- Your dryer has been designed to be vented outside to provide the following advantages:
 - Ensures optimum efficiency by preventing recirculation of moist air.
 - Eliminates condensation on walls and ceilings.
 - Reduces the chance of lint being sucked into the dryer.
 - Prevents lint and other fine particles being blown into the room.
- All external venting systems must be:
 - Made from 100mm diameter flexible foil sleeved with a galvanised metal pipe where the vent system goes through the wall, or 100mm diameter galvanised metal piping.
 - Exhausted outside and not into another confined space, eg the roof cavity of a house.
 - Fitted with a vent cap outside to stop rain water entering the dryer exhaust system.
 - Angled to avoid condensation running back into the dryer.
 - The vent system should be a maximum of two metres with no more than three 90° bends.
 - Vent systems over two metres long require special installation.
- Contact a Fisher & Paykel trained and supported service technician.
- Internal venting
- The dryer is set up in the factory for front venting. If front venting is used there must be adequate ventilation to avoid the build up of moisture in the room, which can affect the performance of the dryer. Venting must comply with local by-laws and regulations.

INSTALLATION INSTRUCTIONS

Installation options

There are two different ways your dryer can be positioned. Freestanding or inverted and mounted on a wall.

Freestanding

The dryer stands on the floor and can easily be moved into position.

- ① Move the dryer into the desired position. Do not lift the dryer by the top panel.
- ② Have a minimum clearance on all sides of at least 20mm.
- ③ Have a minimum clearance at the rear of 75mm.
The spacers from the accessory wall mounting kit can be used to set this distance.
- ④ Install the dryer on a stable and level floor.

Freestanding venting options

Note: the vent system should be less than two metres long with no more than three 90° bends.

Before a rear venting option is installed the dryer must be changed from the front venting factory setup. Remove the outlet grille from the front left-hand side and replace with the outlet cover from the rear left-hand side. These covers should be gently pried at the sides to prevent damage.

External venting

The dryer is vented with a kit that can be positioned to remove air to the side.

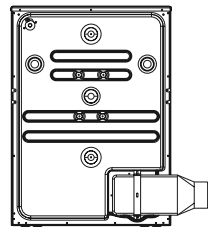
The dryer is vented directly through the wall using a ducting kit in combination with the duct adaptor supplied with the dryer.

The dryer is vented through a window using a ducting kit in combination with the duct adaptor supplied with the dryer. This requires the dryer to be a minimum distance of 140mm from the wall to ensure the ducting is not restricted with tight bends or can be crushed.

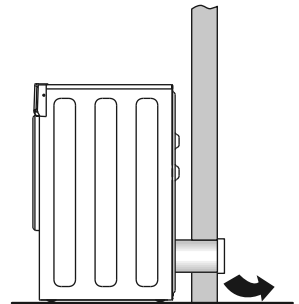
Internal venting

Front venting is the only recommended option for venting into the room. The dryer is set up for front venting when it leaves the factory.

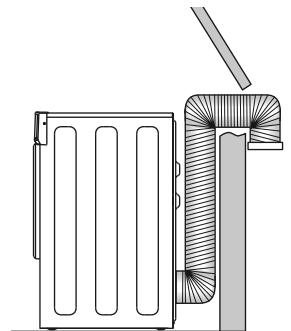
Note: where possible all efforts should be made to vent the dryer externally to avoid moisture build up around the dryer.



External venting with kit part number PD-DK4W



External venting with kit part number PD-SVHCW4



External venting with kit part number PD-F0408

Inverted wall mounting installation

Your dryer has been designed to be inverted and mounted on the wall above a washer or tub. A wall mounting kit must be used. Inverting allows access to the dryer control panel.

Tools and parts required:

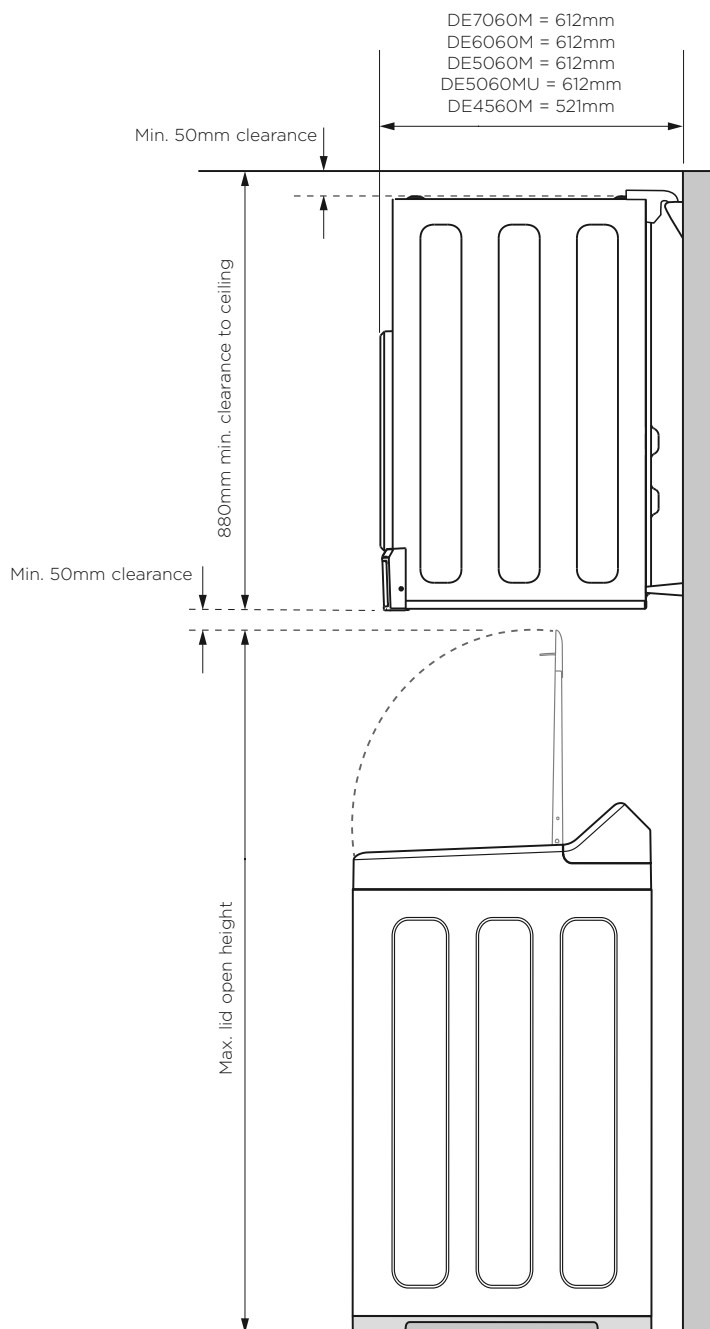
- Drill and 3mm bit
- Cross-head screwdriver.

Wall mounting kit includes:

- 2 x Plastic spacers
- 2 x Wall hanging brackets
- 2 x Hanging hook
- 4 x Wood screws
- 6 x Screws for hanging hooks and plastic spacers.





INSTALLATION INSTRUCTIONS

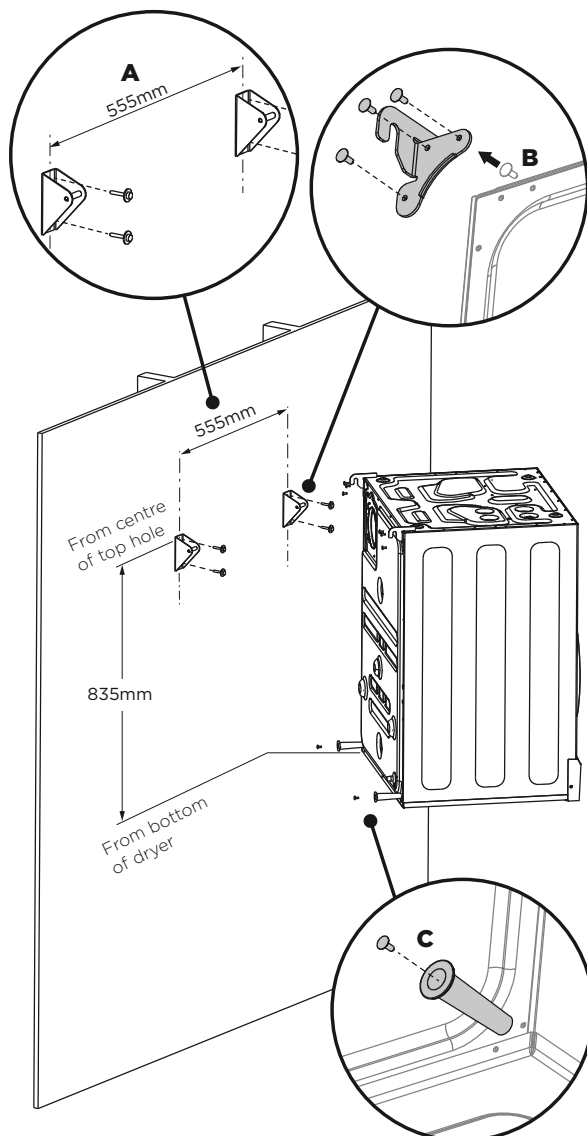
Inverted wall mounting



INSTALLATION INSTRUCTIONS

Wall mounting

- ① Determine the position of the dryer on the wall and mark the bracket position. A minimum of 50mm is needed between the top of the dryer and the ceiling for ease of installation. If mounting above a washing machine, allow sufficient room to open the lid of the washer. Refer to page 11 for lid clearances.
- ② Fix the wall hanging brackets to the wall securely, ie into the stud. If the studs are too far apart, fit a timber slat to the studs and then mount the brackets to the slat. If a slat is used, install a second slat behind the spacers to ensure the dryer is horizontal. The distance between the centre of each bracket is 555mm (A).
- ③ To install the hooks onto the dryer, remove one screw from each side (B), reuse these screws with two more (each side) from the kit to fasten the hooks in place.
- ④ Remove plastic plugs from the back of the dryer and screw the spacers provided in place (C).
- ⑤ With assistance, mount the dryer on the wall brackets.
- ⑥ Fit inverted control panel over the existing panel.
- ⑦ Adjust the display to read correctly on an inverted panel:
 - For DE7060M, DE6060M and DE5060M press  and  for three seconds.
 - For DE4560M press  and  for three seconds.
 - The dryer will beep to indicate you have made a correct selection, and the display will change after three seconds.
 - Repeat the same steps to return the panel to the factory setting.



INSTALLATION INSTRUCTIONS

Before a rear venting option is installed the dryer must be changed from the front venting factory setup. Remove the outlet grille from the front left-hand side and replace with the outlet cover from the rear left-hand side. These covers should be gently pried at the sides to prevent damage.

External venting options

- Kits are available that allow the dryer to be vented upwards or to the side.
- The dryer can be vented directly through the wall with a kit, in combination with the duct adaptor supplied with the dryer.

Note: the vent system should be less than two metres long with no more than three 90° bends.

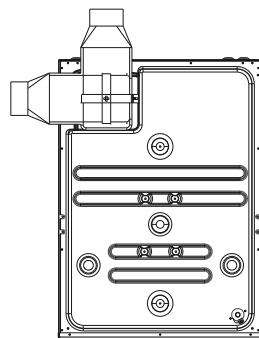
Internal venting

Front venting is the only option for internal venting. The dryer is set up for front venting when it leaves the factory.

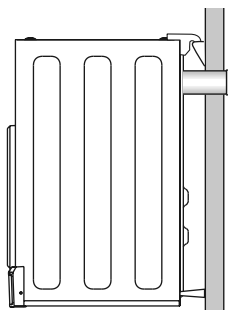
Note: where possible all efforts should be made to vent the dryer externally to avoid moisture build up around the dryer.

Electrical connection

- ① This appliance must be connected to a 220V – 240V, 50Hz, sinusoidal, 10A electrical supply.
 - ② Uncoil the power cord, remove and discard the plastic pin cover and plug into a power socket.
 - ③ Connect the appliance to an earthed outlet protected by a fuse of suitable capacity.
- Check the power cord for damage and make sure it is not squashed or twisted when installing the dryer.
 - Always remove the power cord from the power socket by the plug, not by the cord.



External venting with kit part number PD-DK4W



External venting with kit part number PD-SVHCW4

INSTALLATION INSTRUCTIONS

Completing the installation

Installation test cycle

Ensure the installation test cycle is completed before you dry any items in your dryer. This checks your dryer is installed correctly and functioning properly prior to use.

- ① Turn your dryer on by pressing 'POWER' ① .
- ② Select the 'Time Dry' cycle for 30 minutes. Ensure the drum is empty and the door is closed (you will hear it click shut).
- ③ Press ►II, the drum will start rotating.
 - Observe the dryer for any problems.
 - The dryer will beep and display any faults on the screen if there are any problems. Refer to 'Fault codes'.
- ④ At the completion of the cycle open the door and check that there is warmth inside the dryer. This indicates the dryer is operating normally.

If there are any problems, you must address these before proceeding with normal use. The dryer will automatically turn off at the end of the cycle if there are no problems.

Before you start, it is a good idea to go through the following checklist:

- ① Has the packaging been removed?
- ② Is the lint filter correctly in place?
- ③ Has the power cord been connected to an appropriate power supply and the power turned on?
- ④ Have you performed the installation test cycle?

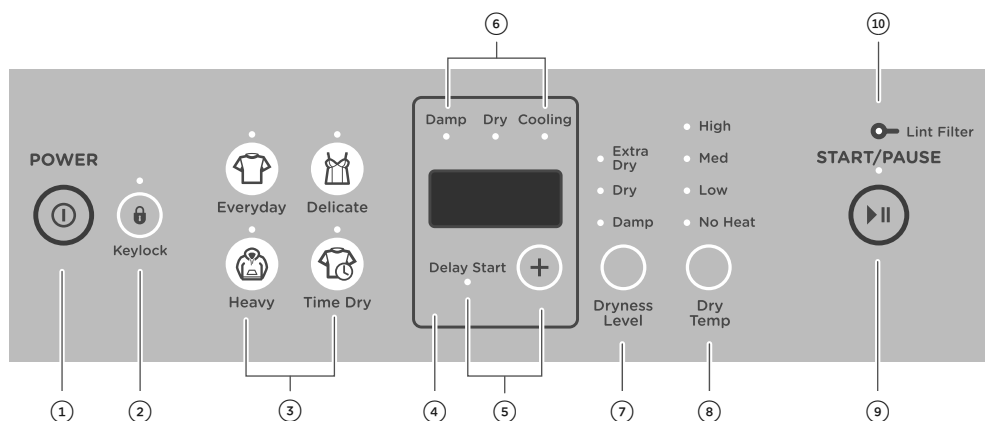
Product specifications

	DE4560M	DE5060M DE5060MU	DE6060M	DE7060M
Capacity (kg)*	4.5	5	6	7
DIMENSIONS (mm)				
Width	600	600	600	600
Depth	481	571	571	571
Height	825	825	825	825
ELECTRICAL				
Volts	220 – 240	220 – 240	220 – 240	220 – 240
Hz	50	50	50	50
Amps (maximum)	10	10	10	10
Rated Power (W)	1750	1750	1750	1770

* Capacity refers to the maximum **dry** weight of items the dryer can dry at any one time.
Rated capacity is determined by a countries performance standards, so similar dryers may have different capacities for different markets.

CONTROL PANEL

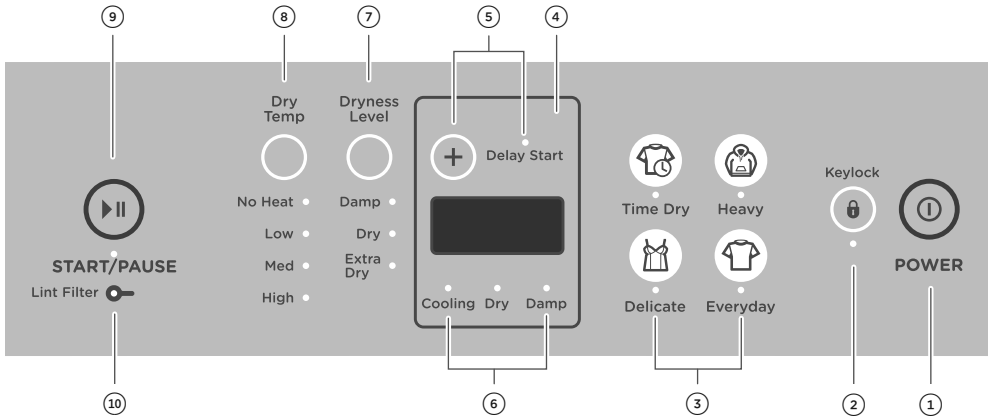
DE7060M, DE6060M and DE5060M models



① POWER	Press to turn the dryer on/off.
② Keylock	Press for two seconds to disable all buttons on the display panel, except 'POWER' ①. This prevents accidental button presses.
③ Drying cycles	Select your desired drying cycle. <ul style="list-style-type: none"> Red LED illuminates to indicate the selected drying cycle.
④ Digital display screen	Shows the following: <ul style="list-style-type: none"> Delayed start time of the drying cycle. Notifications if an error is detected or a warning is necessary.
⑤ Delay Start	Press to increase the delay start time for drying cycles. Note: Delay start is not available for time dry cycles.
⑥ Progress lights	The progress lights indicate what stage of the cycle the dryer is currently at ('Damp', 'Dry' or 'Cooling'). All three lights are on at the beginning of the cycle. The light for the current stage of the cycle flashes, and each one goes out when that stage of the cycle is complete.
⑦ Dryness Level	Allows you to select the level of dryness for your load.
⑧ Dry Temp	Allows you to select the drying temperature for your cycle.
⑨ START/PAUSE	Press to start or pause the selected drying cycle.
⑩ Lint Filter	The lint filter light will flash when the machine is switched on as a reminder to clear the lint filter before each cycle.

CONTROL PANEL

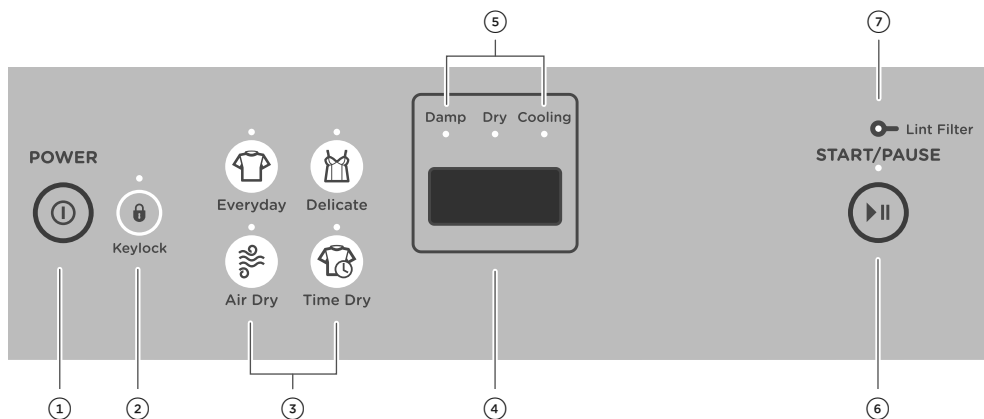
DE5060MU model



① POWER	Press to turn the dryer on/off.
② Keylock	Press for two seconds to disable all buttons on the display panel, except 'POWER' ①. This prevents accidental button presses.
③ Drying cycles	Select your desired drying cycle. <ul style="list-style-type: none"> Red LED illuminates to indicate the selected drying cycle.
④ Digital display screen	Shows the following: <ul style="list-style-type: none"> Delayed start time of the drying cycle. Notifications if an error is detected or a warning is necessary.
⑤ Delay Start	Press to increase the delay start time for drying cycles. Note: Delay start is not available for time dry cycles.
⑥ Progress lights	The progress lights indicate what stage of the cycle the dryer is currently at ('Damp', 'Dry' or 'Cooling'). All three lights are on at the beginning of the cycle. The light for the current stage of the cycle flashes, and each one goes out when that stage of the cycle is complete.
⑦ Dryness Level	Allows you to select the level of dryness for your load.
⑧ Dry Temp	Allows you to select the drying temperature for your cycle.
⑨ START/PAUSE	Press to start or pause the selected drying cycle.
⑩ Lint Filter	The lint filter light will flash when the machine is switched on as a reminder to clear the lint filter before each cycle.

CONTROL PANEL

DE4560M model



① POWER	Press to turn the dryer on/off.
② Keylock	Press for two seconds to disable all buttons on the display panel, except 'POWER' ①. This prevents accidental button presses.
③ Drying cycles	Select your desired drying cycle. <ul style="list-style-type: none"> Red LED illuminates to indicate the selected drying cycle.
④ Digital display screen	Shows the following: <ul style="list-style-type: none"> Notifications if an error is detected or a warning is necessary.
⑤ Progress lights	The progress lights indicate what stage of the cycle the dryer is currently at ('Damp', 'Dry' or 'Cooling'). All three lights are on at the beginning of the cycle. The light for the current stage of the cycle flashes, and each one goes out when that stage of the cycle is complete.
⑥ START/PAUSE	Press to start or pause the selected drying cycle.
⑦ Lint Filter	The lint filter light will flash when the machine is switched on as a reminder to clear the lint filter before each cycle.

CONTROL PANEL

Timed programmes (Time Dry)

When a timed cycle is selected the machine dries for the selected time regardless of the level of moisture in the load. It is important to check the items throughout the timed programmes to avoid over drying.

To adjust the length of timed cycles (DE7060M, DE6060M, DE5060M and DE5060MU):

- Press 'Time Dry'.
- Press 'Delay Start + '.

To adjust the length of timed cycles (DE4560M):

- Press 'Time Dry' to scroll through the time selections available.

Time to go

If you have selected one of the 'Time Dry' cycles your dryer displays approximately how many minutes the cycle has remaining.

The word *AUTO* is displayed on the screen for automatic cycles.



Time to go

Airing/Cool down (Cooling)

When the dryer has sensed that the load is dry it will automatically go into an airing or cool down cycle. During 'Cooling' the drum tumbles and cool air is blown through the clothes. This cools the load to reduce creasing if the clothes are left in the dryer.



Cool down mode

Keylock

This option enables you to deactivate the buttons on the display panel, except for the 'POWER' ① and 🔒. This option helps prevent accidental button presses.

To turn Keylock ON or OFF, at any time when the dryer is powered on:

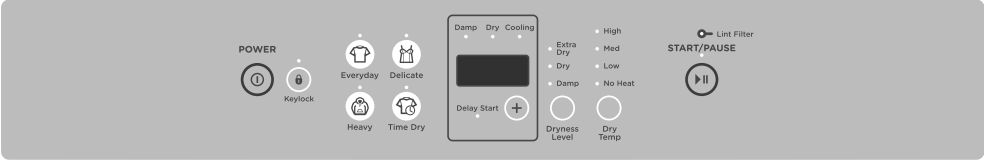
- Press 🔒 for two seconds.
- Note: When activated, the light next to the 🔒 is illuminated.

If Keylock is activated and the dryer is powered off:

- To turn your dryer on, press 'POWER' ①, then press 🔒 for two seconds to turn Keylock off. Select your drying cycle, any options and then press ▶▶ to start the cycle.

DRYING CYCLES

DE7060M model



Your dryer has a number of drying cycles to suit your laundry needs. Selecting the most appropriate cycle for each particular load will help to ensure you get the best result.

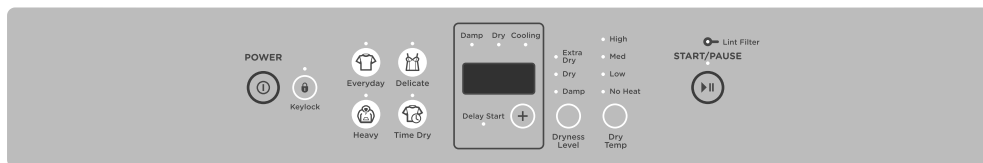
CYCLE	DESIGNED FOR	DESCRIPTION	MAX. LOAD SIZE (kg)	DEFAULT DRYNESS LEVEL*	DEFAULT DRYING TEMP
Everyday**	Everyday clothing, eg t-shirts, trousers.	High heat cycle for rapid drying of everyday clothing.	7	Dry	High
Heavy	Heavy durable garments, eg work sweatshirts/jerseys, rugby shorts, jeans, tea towels.	Longer, high heat cycle for heavier fabrics and denim.	6	Dry/ Extra Dry	High
Delicate	Delicate clothing items, eg synthetics and fine fabrics.	Cooler cycle for carefully drying delicate and heat sensitive fabrics.	4	Dry	Medium
Time Dry	Clothes that you wish to dry for a specific time period.	User selectable 30-150 minute drying time.	6	N/A	High

* Dryness level is only an option on automatic sensing cycles. On the 'Time Dry' cycle, dryness will vary depending on the load and its initial moisture content.

** 'Everyday', 'Dry', 'High' dry temp is the recommended cycle for everyday cotton items.

DRYING CYCLES

DE6060M and DE5060M models



Your dryer has a number of drying cycles to suit your laundry needs. Selecting the most appropriate cycle for each particular load will help to ensure you get the best result.

CYCLE	DESIGNED FOR	DESCRIPTION	MAX. LOAD SIZE (kg)*	DEFAULT DRYNESS LEVEL**	DEFAULT DRYING TEMP
Everyday***	Everyday clothing, eg t-shirts, trousers.	High heat cycle for rapid drying of everyday clothing.	5 or 6	Dry	High
Heavy	Heavy durable garments, eg work sweatshirts/jerseys, rugby shorts, jeans, tea towels.	Longer, high heat cycle for heavier fabrics and denim.	5	Dry/ Extra Dry	High
Delicate	Delicate clothing items, eg synthetics and fine fabrics.	Cooler cycle for carefully drying delicate and heat sensitive fabrics.	4	Dry	Medium
Time Dry	Clothes that you wish to dry for a specific time period.	User selectable 30-150 minute drying time.	5	N/A	High

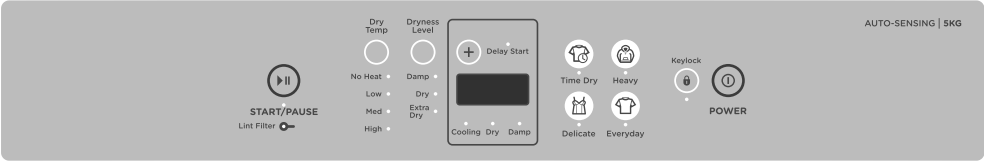
* Depends on your model of dryer (5 or 6kg capacity).

** Dryness level is only an option on automatic sensing cycles. On the 'Time Dry' cycle, dryness will vary depending on the load and its initial moisture content.

*** For DE5060M model 'Everyday', 'Dry', 'High' dry temp is the recommended cycle for everyday cotton items. For DE6060M model 'Everyday', 'Dry/Extra Dry', 'High' dry temp is the recommended cycle for everyday cotton items.

DRYING CYCLES

DE5060MU model



Your dryer has a number of drying cycles to suit your laundry needs. Selecting the most appropriate cycle for each particular load will help to ensure you get the best result.

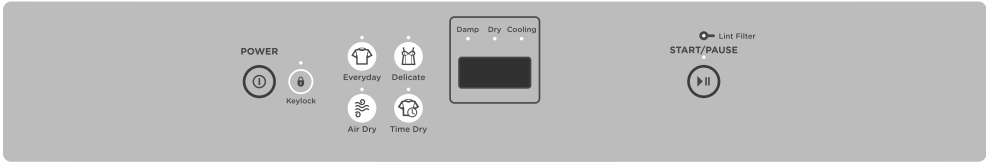
CYCLE	DESIGNED FOR	DESCRIPTION	MAX. LOAD SIZE (kg)*	DEFAULT DRYNESS LEVEL**	DEFAULT DRYING TEMP
Everyday**	Everyday clothing, eg t-shirts, trousers.	High heat cycle for rapid drying of everyday clothing.	5	Dry	High
Heavy	Heavy durable garments, eg work sweatshirts/jerseys, rugby shorts, jeans, tea towels.	Longer, high heat cycle for heavier fabrics and denim.	5	Dry/ Extra Dry	High
Delicate	Delicate clothing items, eg synthetics and fine fabrics.	Cooler cycle for carefully drying delicate and heat sensitive fabrics.	4	Dry	Medium
Time Dry	Clothes that you wish to dry for a specific time period.	User selectable 30-150 minute drying time.	5	N/A	High

* Dryness level is only an option on automatic sensing cycles. On the 'Time Dry' cycle, dryness will vary depending on the load and its initial moisture content.

** For DE5060MU model 'Everyday', 'Dry', 'High' dry temp is the recommended cycle for everyday cotton items.

DRYING CYCLES

DE4560M model



Your dryer has a number of drying cycles to suit your laundry needs. Selecting the most appropriate cycle for each particular load will help to ensure you get the best result.

CYCLE	DESIGNED FOR	DESCRIPTION	MAX. LOAD SIZE (kg)
Everyday*	Everyday clothing, eg t-shirts, trousers.	High heat cycle for rapid drying of everyday clothing.	4.5
Air Dry	Clothes that you wish to dry for a specific time period, without heat.	40 minute timed cycle with no heat.	2
Delicate	Delicate clothing items, eg synthetics and fine fabrics.	Cooler cycle for carefully drying delicate and heat sensitive fabrics.**	3
Time Dry	Clothes that you wish to dry for a specific time period.	User selectable 30-150 minute drying time.	4

* 'Everyday' is the recommended cycle for everyday cotton items.

** Also used for safely drying bulky items on low-medium heat.

SORTING AND LOADING

When preparing your load there are some important things to consider:

Sorting

- We recommend sorting your garments before placing them into the dryer. Sort into loads of similar items, and loads that will likely take similar times to dry. Heavier items (eg towels, and flannelette sheets) are best dried separately from lightweight items (eg synthetics, polyester-cotton sheets and shirts). This prevents some items becoming over-dried while others are still damp and helps extend the life of your clothing and linen.
- Fisher & Paykel recommends tumble drying bulky items such as duvets/duonas on low-medium heat only. Do not overload the drum because this can cause scorching of the item.
- Care labels provide valuable information about the fabric type and how the item should be dried. Always follow advice on care labels and only dry items in this dryer with care labels indicating tumble drying is suitable.
- Drying your clothes as soon as you remove them from the washer will decrease both wrinkles formation and dye transfer from coloured to white items.
- Separate coloured items from white/light items where possible, especially when new. Colour run may be an issue, particularly if you intend to delay the start of the drying cycle.
- We recommend that articles of clothing with screen-printing are turned inside out to prevent damage to the print. Hooks or zippers should be fastened and where possible and those items turned inside out.

SPECIFIC ITEM DRYING REQUIREMENTS	SUGGESTED CYCLE AND OPTIONS	SUGGESTED TEMPERATURE	COMMENTS
Towels	Everyday	High	Towels produce a lot of lint and are best dried on their own.
Sheets, pillowcases, duvet/duona covers	Everyday	High	Ensure duvet/duona cover openings are buttoned/domed before placing in the dryer.
Bulky items — Small blankets and jackets	Delicate	Medium	Only dry one bulky item at a time and place dryer balls (or tennis balls) into the dryer at the same time to ensure the bulky item moves around evenly.
Delicates, fine fabrics and synthetics	Delicate	Medium	You can further reduce the dryness level to damp.
Jeans	Heavy	High	Turn jeans inside out to help maintain their appearance. Dry separately from other items.

Before you load

- Check pockets for items that could damage your clothes or get caught in the dryer.
- Close zippers, hooks and eyes, and other fastenings (ie fasten the openings of duvet/doona covers), and remove loose bra wires. These may damage both your dryer and your clothes.
- Check the lint filter is clean and the water tank is empty (if the dryer is not set up to drain automatically).

Loading

Garments need to be loaded correctly to minimise creasing and wrinkling, and to ensure the load is dried evenly.

- Allow enough room in the dryer for clothes to tumble freely. (Hint: load the dryer in terms of the space the garments take up when dry, rather than when they are wet).
- Shake clothes out and load individually to help items dry evenly and reduce tangling.
- Only dry a sheet load up to a maximum of 4kg in the dryer at one time.
- Hang garments as soon as the drying cycle is complete to reduce the need for ironing.

Drying times

- Drying very small loads is inefficient. Try to dry medium to large loads.
- Heavier items (towels, flannelette sheets) will take longer to dry than light items (synthetics and polyester cotton sheets and shirts).
- Drying times can be reduced by spinning the wash load at the highest spin speed suitable for the load type in your washing machine.
- Check bulky items during the cycle to ensure even drying, pause the dryer and reposition the item if necessary.

Drying duvets/doonas and other bulky items

Depending on the size, you may need to use a commercial dryer at the laundromat. Add your bulky item to the dryer along with dryer balls (or tennis balls) to help evenly distribute the filling and cut down dryer time. Dry at low-medium temperature only, stopping regularly to check.

Do not leave your dryer unattended while tumbling bulky items.

Remove the duvet/doona from the dryer every half hour or so and fluff to redistribute the filling. Return items to the dryer and continue the cycle. This will ensure that your duvet/doona dries evenly.

Lint

Some items are lint givers, while others are lint collectors. Always dry lint givers and collectors separately.

LINT GIVERS	LINT COLLECTORS
Towels	Synthetics eg polar fleece
Flannelette sheets	Corduroy
	Polyester cottons

- **Check the lint filter is clean before every load. Ensure it is replaced correctly before using your dryer.**
 - **The lint filter indicator light will flash at the beginning of every cycle when the machine is switched on, as a reminder to check the lint filter.**
 - **Sort and load items into the dryer drum, ensuring no items are in the way of the door. Close the door.**
- ① Press 'POWER' ❶ to activate your dryer.
 - ② Your dryer will default to the 'Everyday' cycle. Select your desired drying cycle by pressing the cycle button of your choice.
 - ③ DE7060M, DE6060M, DE5060M and DE5060MU models only. Select your preferred drying options, using the buttons on the right hand side of the panel (if you wish to select options different from the default options for the cycle).
 - ④ Press ►|| to start the cycle.
- If you make an invalid selection the dryer will beep to alert you.
 - When the cycle finishes, your dryer will beep and then turn off automatically.
 - If you wish to change a cycle once drying has started, press ►|| then select the new cycle. Press ►|| to restart the dryer with the new cycle. This may affect drying performance.
- **If you wish to stop the dryer before the cycle has finished you MUST remove the clothes IMMEDIATELY and spread them out to cool. DO NOT leave the clothes in the dryer or bunched up in a clothes basket. Take extreme care as the drum and the load items may be extremely hot.**
 - **Failure to follow the advice in this guide may result in damage to your garments and your expectations of drying performance may not be met.**

CUSTOMISING DRYING CYCLE

Delay Start (DE7060M, DE6060M, DE5060M and DE5060MU models only)

The 'Delay Start' option enables you to delay the start of the drying cycle from between 5 minutes and 12 hours. Times you can select are 5 min, 15 min, 30 min, 1 hour, then hourly up to 12 hours. This can be useful to time your drying to finish when you arrive home from work, or to start when power rates are lower.

To 'Delay Start' your cycle:

- ① Select the cycle.
- ② Press 'Delay Start + ' to cycle through the delay start times available.
- ③ Press ►|| to confirm your selection and start the countdown.
- ④ The display will indicate the time until the cycle will start.

To decrease or turn off 'Delay Start':

- ① Press 'Delay Start + ' to cycle through the delay start times available.

Avoid using 'Delay Start' for damp, non-colourfast items as this may cause dye run to occur.



Drying cycle options (DE7060M, DE6060M, DE5060M and DE5060MU models only)

All drying cycles default to the recommended options based on the average expected load to be dried. You can vary the options ('Dryness Level', 'Dry Temp') to create your desired cycle.

To change the cycle or options you have selected after a cycle has started:

- Press ►|| and select your new cycle or options, then press ►|| again to resume drying.

Note: Some options may not be available for selection under certain conditions and after particular stages of the drying cycle have passed.

DESCRIPTION	OPTIONS
Dryness Level When your dryer senses that the clothes have dried to the dryness level selected, the dryer will automatically finish the cycle. Note: Two lights are used to show some dryness levels, eg to achieve the 'Damp Dry' setting both the 'Dry' and the 'Damp' dry lights will be illuminated.	There are five dryness levels from 'Damp' through to 'Extra Dry'. If you wish to change from the default dryness, you can choose the dryness level to suit your load depending on how dry you wish your items to be. 
Dry Temp There are four drying temperatures you can choose from for your cycle.	High: Clothes temperatures reach up to 80°C. Medium: Clothes temperatures reach up to 70°C. Low: Clothes temperatures reach up to 45°C. No heat: Cool air is blown through the dryer for the period selected. 



CUSTOMISING DRYING CYCLE

Customising dryer cycles (DE7060M, DE6060M, DE5060M and DE5060MU models only)

After using your dryer a few times you may discover there are some drying options you prefer for some cycles.



You can programme your dryer to remember the drying options you prefer for each drying cycle, eg you may want to set the 'Everyday' cycle to a lower drying temperature.

To customise a cycle:

- ① Press 'POWER'  to turn the dryer on.
- ② Select the cycle you wish to customise.
- ③ Press any of the drying options buttons for three seconds. The lights will flash on and off and the display will show **SEt** to indicate that the dryer is in cycle adjustment mode.
- ④ Select the drying options you prefer by pressing the relevant option button.
- ⑤ Press  for three seconds to save the selected settings. The dryer will then beep to indicate your customised cycle has been saved.

Reset Defaults

You can reset your dryer to the default settings it left the factory with:

- ① Press  and  together for three seconds.
- ② Your dryer will now be reset to the default settings.

CARING FOR YOUR DRYER

When you have finished using your dryer

- Unplug the machine from the power socket.
- Wipe around the door to remove any remaining condensation and foreign matter.
- Clear the lint filter.

Cleaning your dryer

Before you start cleaning your dryer, ensure that it is disconnected from the power (ie unplug the machine from the power socket).

Cleaning the control panel and outer surfaces of the dryer

Use a soft damp cloth to wipe all surfaces, then wipe dry. Avoid using chemical or scouring cleaners, as these will damage the paint and plastic surfaces of your dryer.

Cleaning the inside of your dryer

It is important that you occasionally clean the inside of your dryer. If the drum has any residual dirt or lint stuck to it, remove this and wipe it clean with a damp cloth. Do not leave any metal objects in the drum, as these may cause rust.

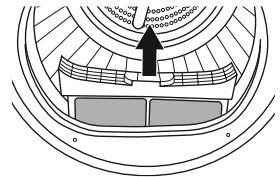
Cleaning the filters

Cleaning the lint filter

- Lint is generally formed during wearing and washing. Fibres (ie lint) released from the clothes during the drying cycle are collected in the lint filter.
- It is important to clean the lint filter after every load, as the lint produced in the drying process can become a fire hazard if it is allowed to accumulate in or around your dryer.
- The lint filter is located in the door opening (at the bottom).

To clean the filter:

- ① Open the dryer door.
- ② Remove the lint filter by pulling it up and out of the filter slot. Open it out and wipe the surfaces clean with your hand.
- ③ Close the lint filter and place it back in the opening. Ensure the filter is fitted correctly back in place before operating the dryer.






Lint filter

BEFORE YOU CALL FOR SERVICE

User warnings

Your dryer is capable of diagnosing a number of its own problems. It will sound a continuous series of beeps and display a user prompt when it has a problem that you can correct yourself. To stop the beeps sounding, touch any button on the control panel. Do not try to continue your drying cycle once you stop the noise. You must address the problem the dryer is alerting you to. Check the below table before you call for service.

PROBLEM	DISPLAYED AS	WHAT TO DO
Keylock is activated	KEY LOC	Press  for two seconds to deactivate the Keylock.
The door is not closed	door OPEN	Close the door fully and press  .
		Try opening and closing the door again.
		Reposition the load, make sure the load is correctly in the drum and that protruding items are not stopping the door from closing.
Dryer has been paused	PAUS	Press  to resume the cycle.

Once you have addressed the issue the user prompt was alerting you to, try using your dryer as per usual. If the issue persists, call your Fisher & Paykel trained and supported service technician.

FAULT CODES

When a continuous series of beeps is sounded, all the lights turn off on the control panel and a number appears on the display, a fault has occurred. The dryer will automatically enter this mode if a fault occurs. The fault code will be displayed as *E r r* followed by a number on the digital display. To stop the beeps, press any button then perform the following steps:

- ① Turn your machine off at the power socket.
- ② Wait one minute and turn it back on.
- ③ Check your machine is installed correctly (refer to 'Installation instructions' section).
- ④ Remove your load from the dryer and retry.
- ⑤ Perform a 'Time Dry' cycle, eg 'Time Dry' for 30 minutes.
- ⑥ If the fault re-occurs repeat steps ① and ②.
- ⑦ If the machine still will not work call a Fisher & Paykel trained and supported service technician to arrange service (refer to the 'Customer care' section). Record the fault code number displayed and the serial number of your dryer (located on the rear of the machine, or on the inside of the door below the glass) before calling. The fault code will indicate to the service technician what the problem could potentially be.

If a fault code is being displayed, you can still turn your dryer off by pressing 'POWER' ①.

TROUBLESHOOTING

The following is a list of problems you may encounter when using this appliance and some suggestions that may help to correct the problem. If you still have problems, contact your Fisher & Paykel trained and supported service technician.

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Pressing 'POWER' ❶ does not turn on the dryer	Fault with household power supply.	Try plugging in and turning on another electrical device at the same socket.
Dryer does not heat	Dryer set to 'Air Dry' cycle (DE4560M model only).	Check what cycle the dryer is set to (refer 'Drying cycles'). Change to preferred cycle.
	The dryer has progressed to 'Cooling'.	Check the progress lights—is the 'Cooling' light illuminated? Refer to 'Progress lights'.
Pressing ►II does not start the drying cycle	Dryer door not closed properly.	Open and close the door. Check that the lint filter is correctly in place and not obstructing the door.
	Is the dryer displaying a user warning or fault code?	Refer to 'Before you call for service'.
	Lint filter needs to be emptied.	Empty the lint filter and ensure it is correctly in place.
	Dryer is overloaded.	Remove some items from the dryer.
	'Delay Start' function is set.	Refer to page 26 for more information.
	Keylock is ON.	To disable press 🔒 for two seconds.
Dryer stops working mid-cycle	Power failure.	Press 'POWER' ❶ and restart the desired cycle.
	Dryer has been paused.	Press ►II to restart the cycle.
	Dryer door is open.	Ensure the door is firmly shut.
Clothes getting too hot or damaged	Cycle selected not appropriate for the load.	Ensure the cycle selected is appropriate for items in the load. Refer to 'Drying cycles'.
	Items removed from dryer before the end of cycle cool down had finished.	Removing items before cool down may damage clothing if it is not spread out and exposed to air to cool once removed from the dryer.
Dryer is beeping and displaying unfamiliar light patterns and/or message on the digital display	Dryer has a fault.	Try turning the dryer off and waiting 30 seconds before turning it back on. Refer to 'Before you call for service'.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Dryer is taking too long /results were not satisfactory	Drying cycle selected not appropriate for the load.	Select an appropriate cycle for the load. Refer to 'Drying cycles'.
	Dryness level selected not appropriate for the load.	Select a higher dryness level. Refer to 'Dryness Level'.
	Dryer overloaded for the cycle.	Some cycles have a lower max load size. Refer to 'Drying cycles'.
		Try dividing the load in half and dry half at a time.
	Lint filter is blocked.	Clean the lint.
	Load overly wet at the start of cycle.	Remove more water from the load before placing it in the dryer, eg select a faster spin speed on your washer, if appropriate for your load.
	Load was damp dry at the start of cycle.	If the load had been partially air dried, eg has been washed and placed on the line, use a 'Time Dry' cycle and monitor the dryness of your clothes.
Noises	Items got tangled.	Try separating items and drying similar items together. Refer to 'Loading' for further tips.
Noises	Dryer is overloaded.	Remove some items from the dryer.
	Dryer has a fault.	Dryer is beeping and displaying unfamiliar light patterns and/or message on the digital display. Refer to 'Before you call for service'.
Vibration	Dryer is not installed on a stable surface.	Ensure the dryer is installed on a flat, stable surface.
	Dryer is overloaded.	Remove some items from the dryer.
Creasing	'Dry Temp' and/or 'Dryness Level' selected too hot/too long for load type (DE7060M, DE6060M, DE5060M and DE5060MU only).	Try selecting a lower 'Dry Temp' and 'Dryness Level'
Dye transfer	White/light and coloured items not separated before drying.	Remember to separate white/light and coloured items before placing them in the dryer.
	Wet items left sitting in the dryer for long periods of time before drying.	Refer to 'Sorting' for tips to prevent dye transfer.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	WHAT TO DO
Linting	Lint filter not cleaned or replaced.	Ensure the lint filter is cleaned after every cycle and replaced correctly. Refer to 'Cleaning the filters'.
	Loads not sorted correctly.	Dry lint givers separately from lint receivers. Also, dry similar colours together eg light coloured items with light coloured items, dark items with dark items. Refer to 'Sorting and loading'.
	Clothes over dried.	Over drying clothes in the dryer can cause them to attract lint. Use an auto sensing cycle or ensure you check your load if using the time dry cycles to avoid over drying. Refer to 'Drying cycles'.
Fabric damage	Instructions on care label not followed.	Follow the instructions on the care label of the items.
	'Dry Temp' or 'Dryness Level' selected not appropriate for the fabric type (DE7060M, DE6060M, DE5060M and DE5060MU only).	Ensure the 'Dry Temp' and 'Dryness Level' selected is appropriate for the fabric type. Refer to the items care label. Refer to 'Drying cycles'.
	Metal parts on the items or in the load.	Fasten zips and other clasps before placing items in the dryer.
	Items not separated or dried on an appropriate cycle for the fabric type.	Dry similar items together. Ensure an appropriate cycle is selected. Refer to 'Drying cycles'.
	Used a 'Time Dry' cycle and did not monitor the dryness of clothes during the cycle.	Ensure that clothes are checked for dryness during the cycle when using the timed programmes to avoid over drying. Refer to 'Customising drying cycle'.
Tangling	Loads not separated during loading.	Try separating out larger items from smaller items.
	Items loaded into the dryer incorrectly.	Load items individually into the dryer. Do not place folded items in the dryer.
	Load size too large.	Try drying smaller load sizes. Some cycles have a lower maximum load size. Refer to 'Drying cycles'.
	Sheets and duvet/doona covers due to their size, are prone to tangling.	Dry sheets and duvet/doona covers separately from other laundry, apart from towels. Ensure duvet/doona covers are buttoned or fastened closed before drying. Try adding a knotted towel to sheets loads if you are experiencing a lot of tangling.

MANUFACTURER'S WARRANTY

For New Zealand and Australia only. You automatically receive a 2-year Manufacturer's Warranty with the purchase of this vented clothes dryer covering parts and labour for servicing within the country of purchase.

Fisher & Paykel undertakes to:

Repair or, at its option, replace without cost to the owner either for material or labour any part of the product, the serial number of which appears on the product, which is found to be defective within TWO YEARS of the date of purchase.

Note: This Manufacturer's Warranty is an extra benefit and does not affect your legal rights.

This Manufacturer's Warranty DOES NOT cover

- (A) Service calls which are not related to any defect in the product. The cost of a service call will be charged if the problem is not found to be a product fault. For example:
 - ① Correcting the installation of the product.
 - ② Instructing you how to use the product.
 - ③ Replacing house fuses or correcting house wiring or plumbing.
 - ④ Correcting fault(s) caused by the user.
 - ⑤ Noise or vibration that is considered normal, eg drain/fan sounds, machine noises or user warning beeps.
 - ⑥ Correcting damage caused by pests, eg rats, cockroaches, etc.
 - ⑦ Poor drying performance due to incorrect installation and maintenance eg blocked lint filter, blocked condenser or full water tank.
 - ⑧ Poor drying performance due to incorrect loading, eg overloading or underloading.
 - ⑨ Damage from articles in the drum, eg bra wires, pens, crayons, dye transfer or flammable material.
- (B) Defects caused by factors other than:
 - ① Normal domestic use; or
 - ② Use in accordance with the product's User guide.
- (C) Defects to the product caused by accident, neglect, misuse or 'act of God'.
- (D) The cost of repairs carried out other than by a Fisher & Paykel trained and supported service technician or the cost of correcting such repairs.
- (E) Normal recommended maintenance as set out in the product's User guide.
- (F) Repairs when the appliance has been dismantled, repaired or serviced by other than a Fisher & Paykel trained and supported service technician or the selling dealer.
- (G) Pick-up and delivery.
- (H) Transportation or travelling costs involved in the repair when the product is installed outside the Fisher & Paykel trained and supported service technician's normal service area.

Nothing in this Manufacturer's Warranty is intended to, or does, limit any rights you may have under law to recover the costs of inspecting or returning the goods to us.

MANUFACTURER'S WARRANTY

This product has been designed for use in a normal domestic (residential) environment. This product is not designed for commercial use (whatsoever). Any commercial use by a customer will affect this product's Manufacturer's Warranty.

Service under this Manufacturer's Warranty must be provided by a Fisher & Paykel trained and supported service technician (refer to the 'Customer care' section at the back of this book). Such service shall be provided during normal business hours. This Manufacturer's Warranty certificate should be shown when making any claim.

For Australian Customers

This Manufacturer's Warranty is an extra benefit and does not affect your legal rights. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Please keep this User guide in a safe place.

Before you call for service or assistance...

Check the things you can do yourself. Go online to our website, fisherpaykel.com, for Support and Product Help. and refer to your User guide to check:

- ① Your product is correctly installed.
- ② You are familiar with its normal operation.
- ③ You have read the 'Before you call for service', 'Fault codes' and 'Troubleshooting' sections at the back of the book.

If after checking these points you still need assistance or parts, we recommend you book a service through our website with your nearest Fisher & Paykel trained and supported service technician, or call Customer Care for assistance.

In New Zealand if you need assistance...*

Visit us online or call the Fisher & Paykel Customer Care Centre and talk to one of our Customer Care Consultants.

Toll Free: 0800 FP CARE or 0800 372 273

Website: fisherpaykel.com

Postal address: Fisher & Paykel Appliances Ltd, PO Box 58550, Botany, Auckland 2163

If you need service...*

Fisher & Paykel has a network of Fisher & Paykel trained and supported service technicians who can carry out any service necessary on your appliance. Visit our website or call our Customer Care Centre for a list of Fisher & Paykel trained and supported service technicians in your area.

In Australia if you need assistance...*

Visit us online or call the Fisher & Paykel Customer Care Centre and talk to one of our Customer Care Consultants.

Toll Free: 1300 650 590

Website: fisherpaykel.com

Postal address: Fisher & Paykel Appliances Australia Pty Ltd, PO Box 798, Cleveland QLD 4163

If you need service...*

Fisher & Paykel has a network of Fisher & Paykel trained and supported service technicians that can carry out any service necessary on your appliance. Go online to our website or call our Customer Care Centre for a list of Fisher & Paykel trained and supported service technicians in your area.

*If you call, write or contact us via our website please provide:

Your name and address, model number, serial number, date of purchase and a complete description of the problem. This information is needed in order to better respond to your request for assistance.

Product details can be found on the rear of the machine, and/or on the inside of the door below the glass (when the door is open).

CUSTOMER CARE

Registration

Register your product with us so we can provide you with the best service possible.
To register your product visit our website: **fisherpaykel.com**

Complete and keep for safe reference:

Model _____

Serial No. _____

Purchase Date _____

Purchaser _____

Dealer _____

Suburb _____

Town _____

Country _____

FISHERPAYKEL.COM

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The product specifications in this document apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time. You should therefore check with your Dealer to ensure this document correctly describes the product currently available.

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USER MANUAL

520, 750 & 900 // UNDERMOUNT HOOD

ARU52AX-L | ARU75AX-L | ARU90AX-L
ARU52BX-L | ARU75BX-L | ARU90BX-L

IMPORTANT // Please ensure that you read through this user manual prior to installation and use. This manual contains important information to ensure optimal performance and keep you safe. Please retain your proof of purchase, as this will be required in the event that you require warranty service. Remember to retain this manual for future reference.



520, 750 & 900 // UNDERMOUNT HOOD



HELLO

CONGRATULATIONS ON THE SELECTION OF THIS SLIDEOUT RANGEHOOD. OUR APPLIANCES HAVE BEEN SPECIFICALLY DESIGNED FOR AUSTRALIAN AND NEW ZEALAND KITCHENS.

Please read through this user manual carefully as it contains information that will ensure that your appliance is installed correctly, important operating & care instructions and also some advice of what you need to do if this appliance is not performing as intended.

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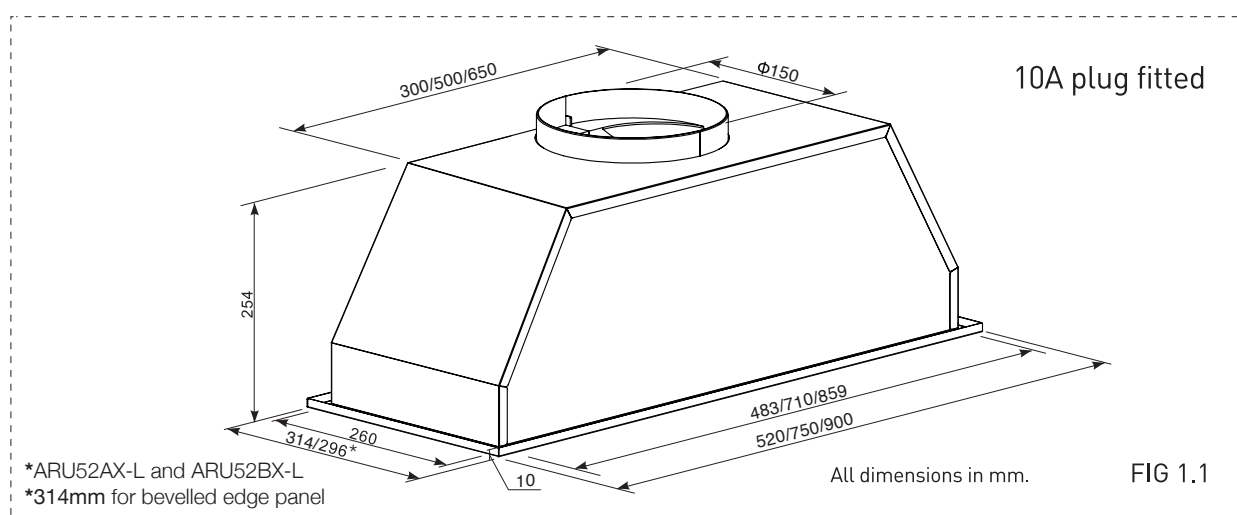


WARNING & SAFETY INFORMATION

- 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.
- Young children should be supervised to ensure that they do not play with the appliance.
- There shall be adequate ventilation of the room when the rangehood is used at the same time as appliances burning gas or other fuels.
- You must read the details concerning the method and frequency of cleaning.
- There is a fire risk if cleaning is not carried out in accordance with the instructions.
- Do not flambé under the rangehood.
- Exhaust air must not be discharged into an existing flue which is used for exhausting fumes from appliances burning gas or other fuels.
- The minimum distance between the hob surface and the lowest part of the rangehood is 600mm. This distance shall be at least 650mm, if the rangehood is installed over a gas hob. If the instructions for the gas hob specify a greater distance, this has to be taken into account.
- Attention should be given to ensure that any applicable regulations concerning the discharge of exhaust air is fulfilled.
- If the supply cord of this equipment is damaged, it must only be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- This appliance has been designed for indoor domestic use only.
- Do not remove or inspect the filters whilst the hood is in operation.



INSTALLATION & DUCTING



IMPORTANT Before handling the rangehood during installation, it is recommended that you remove the filter to prevent damage.

Fig 1.2 illustrates the minimum height from the hob surface to the underside of the rangehood.

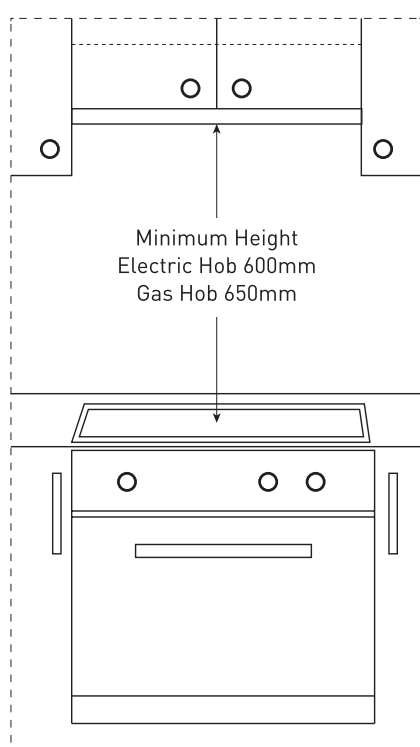
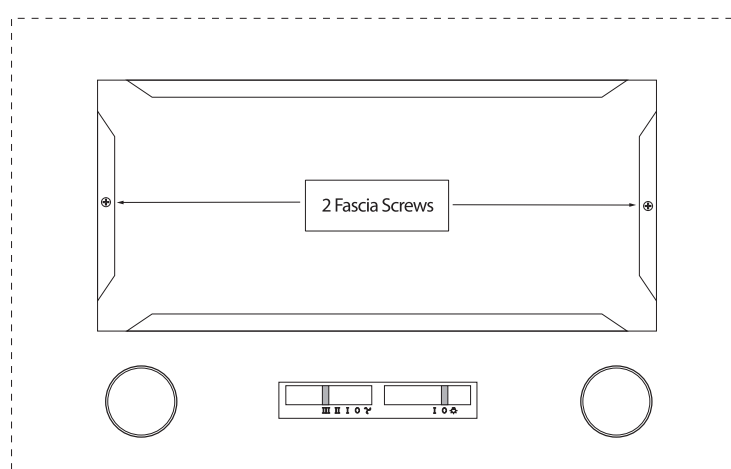


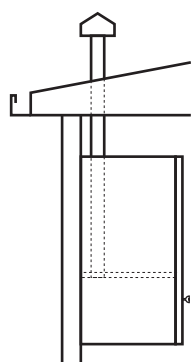
FIG 1.2



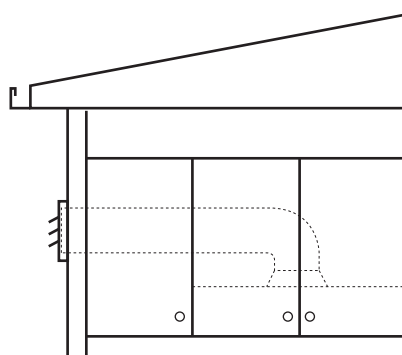
Electric hob - 600mm
Gas hob - 650mm

NOTICE: IF THE INTRUCTIONS FOR THE GAS HOB SPECIFY A GREATER DISTANCE, THIS HAS TO BE OBSERVED. ANY INSTALLATION ABOVE 750MM WILL COMPROMISE PERFORMANCE.

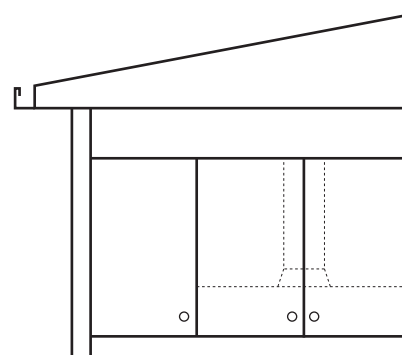
INSTALLATION & DUCTING



TOP DUCTING



SIDE DUCTING



RE-CIRCULATING
(Carbon filter required)

DUCTED OPTION

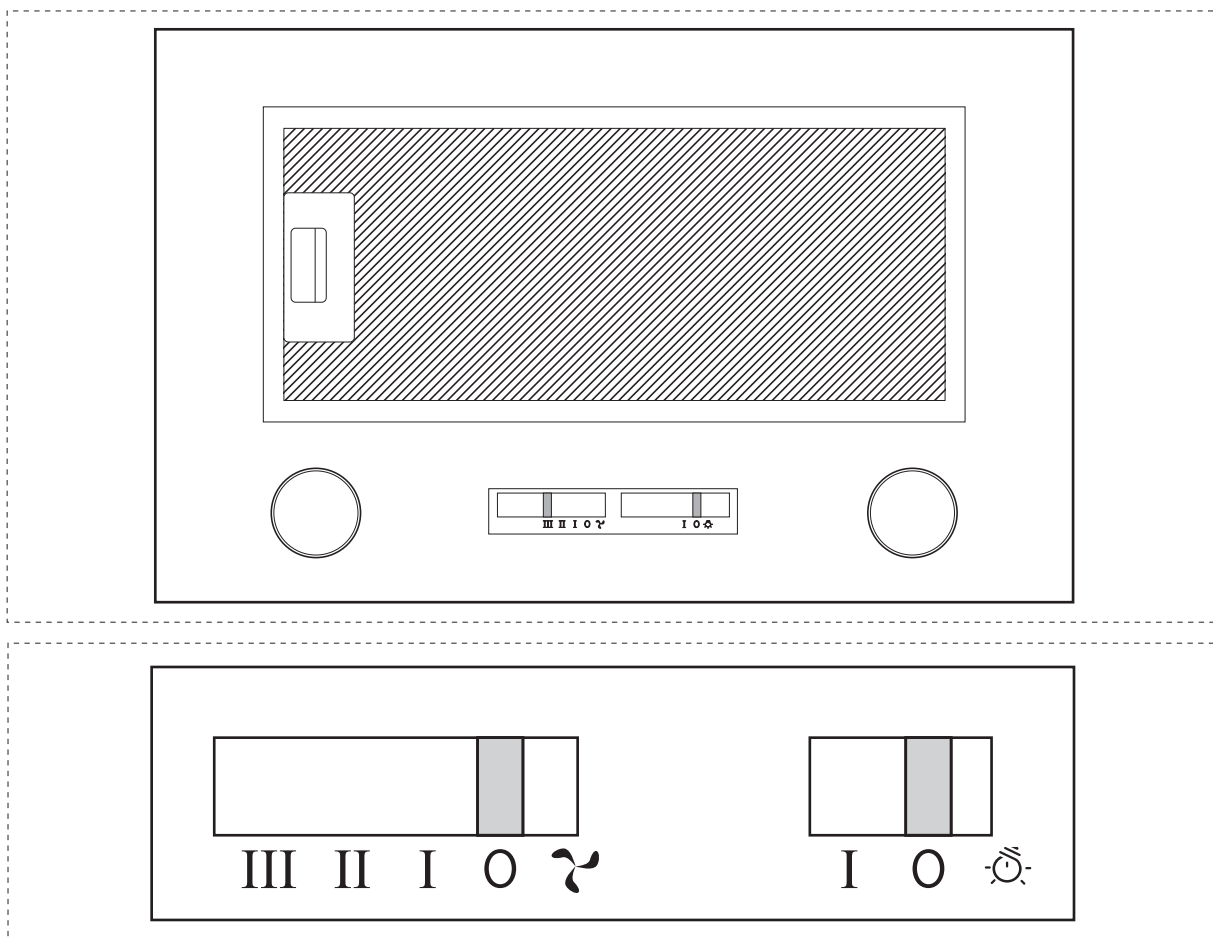
NOTICE // ALL DUCTING MATERIAL MUST BE COMPLIANT WITH THE LOCAL LAWS IN FORCE.

INSTALLATION

1. Remove the filter and light globes. (If installed)
2. Remove the stainless steel fascia (4 screws) – take care not to damage the fascia.
3. Determine the most efficient path for the ductwork, minimise bends and keep the length of the ductwork to a minimum.
4. It is important to run and finish (install roof / wall caps) prior to installation of the hood.
5. Cut out the cabinetry as per the installation diagram. Ensure that access has been allowed for the power cable.
6. Hold the hood up to the underside of the cabinet (2 people required); Screw the hood to the cabinetry.
7. Attach the ducting adaptor to the ducting.
8. Re-install the stainless steel fascia.
9. Re-install filter.
10. Plug in the power to the unit, turn on and test.

WARNING // Do not penetrate any screws into the rangehood as this may result in electrical hazards. Failure to install the screws or fixing device in accordance with these instructions may result in electrical hazards.

OPERATING INSTRUCTIONS



FAN SPEED

OFF/LOW/MEDIUM/HIGH switch - located on the left hand side of the control panel.

This unit features 3 speed settings; single line indicate low speed, double lines indicate the medium speed & triple lines indicate high speed.

To turn the unit off, set the speed switch to the 0 position (off).

LIGHT

On/Off switch - located on the right hand side of the control panel as indicated in the diagram above.

MAINTAINING YOUR RANGEHOOD

GENERAL MAINTENANCE

Ensure that the power to the unit is switched off prior to cleaning the unit. Surface should only be cleaned with warm soapy water and a soft non-abrasive cloth. In coastal environments and humid areas more frequent cleaning is required to maintain the finish.

FILTERS

These filters should be cleaned frequently, dependant on use (minimum monthly).

Aluminium filters are dishwasher safe or can be cleaned with hot soapy water. Ensure that filters are thoroughly dry before re-installing. Slight discolouration may occur when cleaned in the dishwasher.

LAMPS

Your range hood is fitted with GU10 halogen or LED lamps depending on the model (refer to table below). Before replacing, ensure that lamps are completely cool and the power to the unit has been switched off. Replacement lamps can be purchased from your nearest hardware store.

To remove the lamp, twist the lamp in an anti-clockwise direction.

MODEL

ARU52X and ARU75X
ARU52X-L and ARU75X-L
ARU52AX-L, ARU75AX-L & ARU90AX-L
ARU52BX-L, ARU75BX-L & ARU90BX-L

LAMP TYPE

40W Halogen GU10 (X2)
3W LED GU10 (X2)
3W LED GU10 (X2)
3W LED GU10 (X2)



PROOF OF PURCHASE

ATTACH YOUR PROOF OF PURCHASE
FOR FUTURE REFERENCE



CONTACT DETAILS

AUSTRALIA
ARISIT PTY LIMITED
40-44 Mark Anthony Drive
Dandenong South, VIC 3175
Australia
Ph 1300 815 589
FX (03) 9768 0838
consumer.care@arisit.com

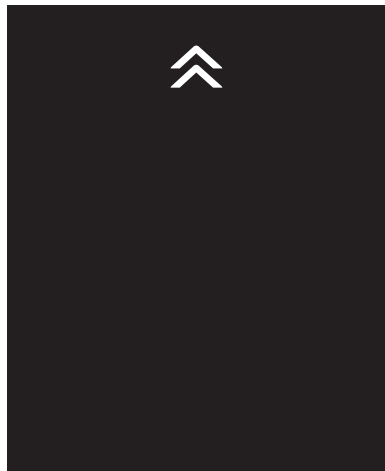
NEW ZEALAND
ARISIT PTY LIMITED
PO Box 68-140
Newton, Auckland
1145
New Zealand
Ph (09) 306 1020
FX (09) 302 0077
sales@aristonappliances.co.nz

ARISTON IS COMMITTED TO ONGOING RESEARCH AND DEVELOPMENT.
EVERY EFFORT HAS BEEN MADE TO ENSURE ALL INFORMATION IN THIS
USER MANUAL IS CORRECT AT TIME OF GOING TO PRINT.

DIMENSIONS SHOULD BE USED AS A REFERENCE ONLY AND ACTUAL
DIMENSIONS SHOULD BE TAKEN FROM THE PHYSICAL PRODUCT ONLY.

MANUFACTURER RESERVES THE RIGHT TO CHANGE SPECIFICATIONS
WITHOUT NOTICE

520, 750 & 900 // UNDERMOUNT HOOD



VERSION 6.0

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2. Description of the controls	10
3. Operating instructions	17
4. Cleaning and maintenance	25
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Thank you for choosing one of our products.

You are advised to read this manual carefully; it contains all the information you need about the right conditions for the proper, safe use of your dishwasher.

The individual sections are laid out to provide you with a step-by-step guide to all your appliance's functions; the texts are easy to understand and are complete with detailed illustrations.

Recommendations are given for the correct use of the baskets, spray arms, containers, filters, washing programs, and for operating the controls. Following the cleaning instructions provided here will keep your dishwasher's performance at peak levels in the long term.

This user-friendly manual will provide answers to all your questions about use of the dishwasher.



INSTALLATION INSTRUCTIONS: these are intended for the **qualified technician** who must carry out the installation, hook-up and testing of the appliance.



USER INSTRUCTIONS: these consist of recommendations for using the appliance, a description of its controls and of the correct cleaning and maintenance procedures.



1. Safety and operating instructions



THIS MANUAL FORMS AN INTEGRAL PART OF THE APPLIANCE; IT MUST ALWAYS BE KEPT INTACT TOGETHER WITH THE DISHWASHER FOR FUTURE REFERENCE. BEFORE USING THE APPLIANCE, CAREFULLY READ ALL THE INSTRUCTIONS CONTAINED IN THIS MANUAL. THEY CONTAIN IMPORTANT INFORMATION FOR THE INSTALLATION, USE AND MAINTENANCE OF THE APPLIANCE. IN THE EVENT OF SALE OR TRANSFER, ENSURE THAT THE MANUAL ALWAYS ACCOMPANIES THE APPLIANCE.

THIS APPLIANCE IS INTENDED TO BE USED IN HOUSEHOLD AND SIMILAR APPLICATIONS SUCH AS:

- STAFF KITCHEN AREAS IN SHOPS, OFFICES AND OTHER WORKING ENVIRONMENTS;
- FARM HOUSES;
- BY CLIENTS IN HOTELS, MOTELS AND OTHER RESIDENTIAL TYPE ENVIRONMENTS;
- BED AND BREAKFAST TYPE ENVIRONMENTS

THIS APPLIANCE IS DESIGNED TO BE USED ONLY IN STATIONARY LOCATIONS.

THIS APPLIANCE COMPLIES WITH **DIRECTIVES 2006/95/EC AND 2004/108/EC** CURRENTLY IN FORCE, INCLUDING THE PREVENTION AND ELIMINATION OF RADIO FREQUENCY INTERFERENCE AND IS DESIGNED FOR THE FOLLOWING PURPOSE: **WASHING AND DRYING OF DISHES**; ANY OTHER USE SHALL BE CONSIDERED IMPROPER. THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR USES OTHER THAN THOSE DESCRIBED ABOVE.

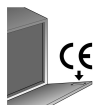


DO NOT USE APPLIANCES WHICH HAVE BEEN DAMAGED DURING TRANSIT! IF IN DOUBT, CONSULT YOUR DEALER.



THE APPLIANCE MUST BE INSTALLED AND CONNECTED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER. INSTALLATION MUST BE PERFORMED BY A QUALIFIED TECHNICIAN, IN COMPLIANCE WITH THE REGULATIONS IN FORCE.

DO NOT LEAVE THE DISCARDED PACKAGING MATERIALS UNSUPERVISED WITHIN THE HOME. DO NOT ALLOW CHILDREN TO PLAY WITH PACKAGING MATERIALS. SEPARATE THE VARIOUS MATERIALS WHICH MAKE UP THE PACKAGING AND TAKE THEM TO THE NEAREST SORTED WASTE COLLECTION CENTRE.



THE NAME PLATE FEATURING THE TECHNICAL DATA, SERIAL NUMBER AND MARKINGS IS VISIBLY POSITIONED ON THE INNER EDGE OF THE DOOR. **THE NAME PLATE MUST NEVER BE REMOVED.**



Installation instructions

EN



THE APPLIANCE MUST BE PROVIDED WITH AN EARTH CONNECTION IN ACCORDANCE WITH THE ELECTRICAL SAFETY REGULATIONS IN FORCE. THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR DAMAGE TO PERSONS OR PROPERTY RESULTING FROM THE FAILURE TO EARTH THE APPLIANCE OR FROM A DEFECTIVE EARTH CONNECTION.

DURING THE INSTALLATION THE APPLIANCE MUST BE DISCONNECTED FROM THE NETWORK..

DO NOT INSTALL THE APPLIANCE IN A PLACE SUBJECT TO FREEZING.



IF THE APPLIANCE IS INSTALLED ON A CARPET FLOOR, TAKE CARE THAT THE OPENINGS IN ITS BASE ARE NOT OBSTRUCTED.

DO NOT INSTALL THE APPLIANCE NEAR EQUIPMENT WITH HIGH IRRADIATION TEMPERATURES (EG. GAS BURNERS, FIREPLACES, ETC.) AS THEY MAY CAUSE DAMAGE.

IF THE APPLIANCE IS INSTALLED IN A COMPARTMENT ABOVE OR BELOW ANOTHER EQUIPMENT (EG. GAS BURNERS, OVENS, ETC.), READ CAREFULLY THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER OF THE EQUIPMENT. IF THE INSTRUCTIONS OF THE EQUIPMENT DO NOT CONTAIN INFORMATION, CONTACT THE MANUFACTURER OF THE EQUIPMENT TO ENSURE THAT THE APPLIANCE CAN BE INSTALLED ABOVE OR BELOW IT.

BUILDING-IN THE APPLIANCE UNDERNEATH A HOB IS ABSOLUTELY FORBIDDEN.

INSTALL A HOB ON TOP OF A FREE-STANDING APPLIANCE IS ABSOLUTELY FORBIDDEN.

TO ENSURE STABILITY, INSTALL THE APPLIANCE ONLY UNDER CONTINUOUS WORKTOP, SECURELY FIXED TO ADJACENT CABINETS. IF THE APPLIANCE IS INSTALLED IN A HIGH CABINET BOTH, THE APPLIANCE AND THE CABINET, MUST BE ADEQUATELY FIXED.

IF THE APPLIANCE IS NOT BUILT-IN AND IS THEREFORE ACCESSIBLE ON ONE SIDE, THE DOOR HINGE AREA MUST BE COVERED FOR SAFETY REASON (INJURY HAZARD). THE COVERING FIXTURES ARE AVAILABLE AS AN ACCESSORY FROM SPECIALIST DEALERS OR THE AFTER-SALES.

CHECK THAT THE VOLTAGE AND THE FREQUENCY OF THE MAINS MATCH THE RATINGS ON THE NAME PLATE OF THE APPLIANCE.



THE PLUG ON THE SUPPLY CORD AND THE CORRESPONDING SOCKET OUTLET MUST BE OF THE SAME TYPE AND MEET THE REGULATION IN FORCE.

DO NOT USE ADAPTORS OR SHUNT CONNECTIONS IN ORDER TO AVOID THE POSSIBILITY OF OVERHEATING OR BURNING.

THE PLUG OF THE APPLIANCE MUST BE ACCESSIBLE AFTER INSTALLATION.

NEVER DISCONNECT THE PLUG BY PULLING ON THE POWER CORD.



IF THE APPLIANCE IS PROVIDED WITH A PLUGLESS SUPPLY CORD, A CIRCUIT BREAKER PROVIDING A FULL DISCONNECTION IN OVERVOLTAGE PROTECTION CLASS III MUST BE INSTALLED IN AN EASILY ACCESSIBLE POSITION ON THE SUPPLY LINE.

THE DISHWASHER MUST ALWAYS BE CONNECTED TO THE WATER SYSTEM USING NEW HOSE SETS.



IMMEDIATELY AFTER INSTALLING THE DISHWASHER, PERFORM A QUICK TEST OF THE APPLIANCE. IF THE DISHWASHER FAILS TO OPERATE CORRECTLY, DISCONNECT IT FROM THE ELECTRICAL POWER SUPPLY AND CALL THE NEAREST TECHNICAL SERVICE CENTRE. **DO NOT ATTEMPT TO REPAIR THE APPLIANCE.**



THE 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 SUPERVISED OR INSTRUCTION CONCERNING USE OF THE APPLIANCE BY A RESPONSIBLE PERSON FOR THEIR SAFETY.

YOUNG CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.



WARNING: SOME DISHWASHER DETERGENTS ARE STRONGLY ALKALINE. THEY CAN BE EXTREMELY DANGEROUS IF SWALLOWED. AVOID CONTACT WITH SKIN AND EYES AND KEEP CHILDREN AWAY FROM THE DISHWASHER WHEN THE DOOR IS OPEN.

KEEP CHILDREN AWAY FROM THE DISHWASHER WHEN THE DOOR IS OPEN. ALWAYS CHECK THAT THE DETERGENT RECEPTACLE IS EMPTY AFTER COMPLETION OF THE WASH CYCLE.



DO NOT DRINK THE WATER RESIDUES WHICH MAY BE PRESENT INSIDE THE DISHES OR APPLIANCE AT THE END OF THE WASHING PROGRAM.



DO NOT INTRODUCE SOLVENTS SUCH AS ALCOHOL OR TURPENTINE IN THE APPLIANCE, AS THIS MAY CAUSE AN EXPLOSION.

DO NOT LOAD DISHES THAT ARE SOILED WITH ASH, WAX OR PAINT.



PLEASE DO NOT LEAVE THE DOOR OPEN AS THIS WILL CAUSE A TRIPPING HAZARD.



WARNING: KNIVES AND OTHER UTENSILS WITH SHARPS POINTS MUST BE LOADED IN THE BASKET WITH THE POINTS DOWN OR PLACED IN A HORIZONTAL POSITION.



THE DISHWASHER MEETS ALL THE REQUIREMENTS SET OUT BY THE REGULATIONS IN FORCE CONCERNING SAFETY AND ELECTRICAL EQUIPMENT. ANY TECHNICAL CHECKS SHOULD BE CONDUCTED EXCLUSIVELY BY TRAINED AND AUTHORISED TECHNICIANS: **REPAIRS**



CARRIED OUT BY UNAUTHORISED PERSONS WILL INVALIDATE THE WARRANTY, AS WELL AS POSING A POTENTIAL HAZARD TO THE USER.



IN THE EVENT OF A FAULT, DISCONNECT THE DISHWASHER FROM THE ELECTRICAL POWER SUPPLY AND SHUT OFF THE WATER TAP.



IF THE SUPPLY CORD IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER OR ITS SERVICE AGENT OR A SIMILARLY QUALIFIED PERSON IN ORDER TO AVOID HAZARD.



SOME COMPONENTS ARE LIVE EVEN WITH THE ON/OFF BUTTON IN THE OFF POSITION. BEFORE MAINTENANCE WORK ON THE APPLIANCE, DISCONNECT THE PLUG OR TURN OFF THE MAINS SWITCH IN THE FIXED WIRING

CLEANING AND REGULAR MAINTENANCE OF THE APPLIANCE BY CHILDREN IS ONLY PERMITTED UNDER THE SUPERVISION OF A PERSON RESPONSIBLE FOR THEIR SAFETY.

DO NOT USE STEAM CLEANERS TO CLEAN THE DISHWASHER.



MODELS WITH "AQUASTOP" DEVICE

THE "AQUASTOP" DEVICE PREVENTS FLOODING IN THE EVENT OF A WATER LEAK. WHEN THE "AQUASTOP" DEVICE IS TRIPPED, CALL IN A QUALIFIED TECHNICIAN TO IDENTIFY AND REPAIR THE FAULT.

INSIDE THE "AQUASTOP" WATER INTAKE HOSE, THERE ARE ELECTRICAL PARTS. **DO NOT CUT THE HOSE AND DO NOT ALLOW THE "AQUASTOP" DEVICE TO DROP INTO WATER.** IN THE EVENT OF DAMAGE TO THE "AQUASTOP" WATER INTAKE HOSE, DISCONNECT THE APPLIANCE FROM THE ELECTRICAL SUPPLY AND FROM THE WATER SUPPLY.




MODELS WITH INTERNAL LIGHTING

THE LIGHTING SYSTEM OF THE APPLIANCE BELONGS TO RISK GROUP 1 UNDER THE IEC/EN 62471 STANDARD. THIS MEANS THAT THERE IS NO PHOTOBIOLOGICAL RISK IN NORMAL CONDITIONS OF USE.



IN ACCORDANCE TO ART. 26 OF THE LEGISLATIVE DECREE 14 MARCH 2014, NR. 49 "IMPLEMENTATION OF THE DIRECTIVE 2012/19/EU ON WASTE OF ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)".

THE SYMBOL OF A CROSSED OUT WHEELIE BIN  ON THE DEVICE OR PACKAGE SHOWS THAT THE PRODUCT MUST BE COLLECTED SEPARATE FROM OTHER WASTE, AT THE END OF ITS SERVICE LIFE. THEREFORE, THE USER HAS TO TAKE ANY EQUIPMENT THAT HAS REACHED THE END OF ITS SERVICE LIFE TO LOCAL WASTE DISPOSAL CENTRES FOR ELECTRICAL AND ELECTRONIC EQUIPMENT WASTE.

AS AN ALTERNATIVE TO THE INDEPENDENT MANAGEMENT, IT IS POSSIBLE TO DELIVER THE EQUIPMENT WHICH HAS TO BE DISPOSED OF TO THE DEALER, AT THE MOMENT OF PURCHASING A NEW EQUIVALENT DEVICE AT THE ELECTRONIC EQUIPMENT DEALERS WITH A SALES AREA OF AT



LEAST OF 400 M². ALSO, FOR DISUSED DEVICES WITH DIMENSIONS INFERIOR TO 25 CM, FREE DELIVERY TO THE DEALERS IS POSSIBLE, WITH NO PURCHASE OBLIGATION

A PROPER SEPARATE WASTE COLLECTION AND THE CONSEQUENT HEADING OF THE DISUSED DEVICE TOWARDS ITS RECYCLING, TREATMENT AND ENVIRONMENTALLY COMPATIBLE DISPOSAL, CONTRIBUTES IN PREVENTING ANY POSSIBLE NEGATIVE EFFECTS ON ENVIRONMENT AND HEALTH; ALSO, IT SUPPORTS THE REUSE AND/OR RECYCLE OF THE MATERIALS WHICH COMPOSED THE DEVICE.



OBSOLETE APPLIANCES MUST BE RENDERED UNUSABLE. CUT OFF THE MAINS POWER CORD AFTER UNPLUGGING IT FROM THE WALL OUTLET, AND MAKE SAFE ANY COMPONENTS WHICH MIGHT BE DANGEROUS FOR CHILDREN (LOCKS, DOORS, CABLES, HOSES, ETC.).

The manufacturer declines all responsibility for damage to persons or property resulting from failure to observe the above precautions, from tampering with even a single component of the appliance, or from the use of non original spare parts.

TECHNICAL DATA

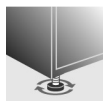
TECHNICAL DATA	
Width	597 ÷ 599 mm
Depth measured flush with the outer edge of the control panel	Free standing: 600 mm Semi-integrated: 570 mm
Height (depending on models)	Free standing: from 850 mm to 890 mm from 890 mm to 930 mm Semi-integrated: from 820 mm to 890 mm from 860 mm to 930 mm
Capacity	14 Standard place settings
Water supply pressure	min. 0,05 - max. 0,9 MPa (min. 0.5 – max. 9 bar)
Electrical characteristics	See rating plate



2. Installation and hook-up

Remove the polystyrene basket retainers.

Position the appliance in the desired place of installation. The back or sides of the dishwasher may be placed up against walls or other furniture units. If the dishwasher is installed near a heat source, fit the special insulating panel to prevent overheating and malfunction of the appliance. To ensure stability, install integrated or built-under dishwashers only under continuous worktops, and screw them to the adjacent units. To facilitate the installation procedure, the intake and drain hoses can be positioned in any direction; make sure that the hoses are not kinked, crushed or pulled too tightly. Make sure to tighten the locking ring-nut once the pipes have been placed in the direction required. A hole at least 8 cm in diameter is required to allow the power supply cable and pipes to pass. Before putting the dishwasher into its definitive position, turn on the water tap and check that there are no leaks from the tap connection, the dishwasher connection or the hose.



Level the appliance on the floor using its adjustable feet. This operation is essential for ensuring correct operation of the dishwasher.



Some models are equipped with only one adjustable foot at the rear, which can be adjusted by turning the screw on the lower front part of the appliance.



*Building-in a dishwasher underneath a hob is **absolutely forbidden**.*

Moreover, dishwashers may not be installed directly touching appliances which are not conventional built-in kitchen appliances (e.g. fireplaces, stoves, etc.).

When installing the dishwasher in a compartment next to one or more other appliances, it is essential to comply with all the recommendations provided by the appliance's manufacturer (minimum distances, installation procedures, etc.).



2.1 Water supply connection



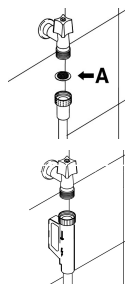
Preventing the risk of clogging or damage: if the water pipe is new or has not been used for a long time, before connecting to the water supply check that the water is clear and free of impurities, to prevent damage to the appliance.

The dishwasher must always be connected to the water system with new hoses; old or used hoses must never be reused.

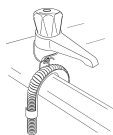
CONNECTING TO THE WATER SUPPLY

Connect the intake hose to a cold water supply with $\frac{3}{4}$ " gas thread, inserting the filter **A** supplied with the dishwasher. **Take care to screw the hose firmly into place with your hands and then complete by tightening about $\frac{1}{4}$ of a turn with pliers.**

In dishwashers equipped with the ACQUASTOP device, the filters is already fitted inside the threaded ring.

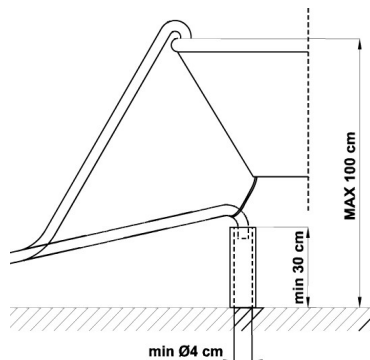


The dishwasher can also be connected to a hot water supply **not exceeding 60°C**. Supplying the appliance with hot water cuts down the washing time by approximately 20 minutes, but slightly reduces its effectiveness. Make the connection to the domestic hot water supply using the same procedure described for connecting to the cold water supply.



DRAIN CONNECTION

Insert the dishwasher's drain hose into a drain pipe having a diameter of at least **4 cm**, or alternatively, place it inside the kitchen sink using the plastic support provided, taking care not to crush or excessively bend the hose. It is important to prevent the hose from coming loose and falling. For this purpose, the plastic support is equipped with a hole for tying it to the wall or water tap.



The free end should be positioned at a height of between **30 and 100 cm**, and should never be submerged in water. If a horizontal drain extension hose is used (for a maximum of 3 m) the drain hose can be placed at a maximum height of **85 cm** from the ground.

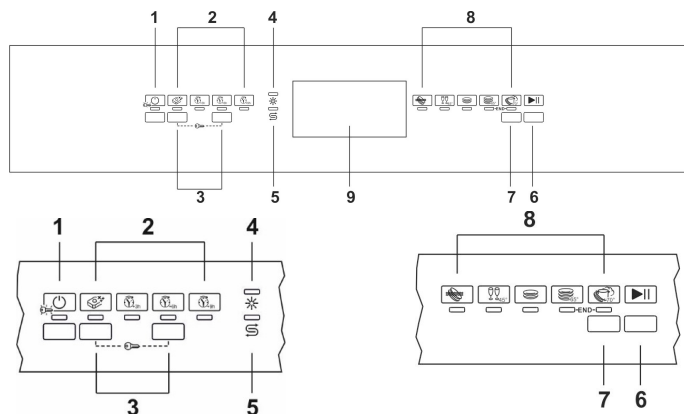
Class of protection against moisture: IPX0



3. Description of the controls

3.1 Front panel

All the dishwasher controls are grouped on the front panel. Programming and option selection are only possible with the **door closed**.



1 ON/OFF BUTTON AND WARNING LIGHT

2 OPTION SELECTION BUTTONS AND WARNING LIGHTS

3 “CHILD LOCK” ACTIVATION BUTTONS

4 RINSE AID DISPENSER MODE INDICATOR LIGHT

A flashing light indicates that the machine is in “dispense rinse aid” mode.

RINSE AID INDICATOR LIGHT

When lit, it indicates that the rinse aid dispenser is empty.

5 WATER HARDNESS ADJUSTMENT INDICATOR LIGHT (on some models only)

A flashing light indicates that the machine is in the “water hardness adjustment” mode.

SALT INDICATOR LIGHT

When lit, it indicates that salt container is empty.

6 START/PAUSE BUTTON

7 PROGRAM SELECTION BUTTON

8 PROGRAM LIGHTS

9 HANDLE TO OPEN THE DOOR











N.B.: symbols and styling are guideline and may vary depending on the model or version of the dishwasher purchased.



User instructions

EN

PROGRAMS TABLE

 PROGRAMME NUMBER & SYMBOL	 LOAD CROCKERY AND CUTLERY	 PROGRAM PROGRESS	 DURATION	 CONSUMPTION	
				MINUTES (1)	WATER LITRES POWER KWh (1)
1 SOAK 	Pans and dishes awaiting completion of the load	Cold prewash	15	3,5	0,02
2 NORMAL ECO (*) 	Crockery and cutlery normally soiled	Cold prewash Wash at 45°C Rinse at 45°C Dry	147	11,3	0,72
3 REGULAR  EN 50242	Dishes with regular dirt, even with dried-on residues	Wash at 55°C Cold rinse Rinse at 70°C Dry	95	11	1,30
4 DAILY  IEC/DIN***	Dishes with regular dirt, even with dried-on residues	Cold prewash Wash at 65°C Cold rinse Rinse at 70°C Dry	100	13,5	1,35
5 ULTRA CLEAN 	Very dirty pans and dishes, even with dried-on residues.	Hot prewash Wash at 70°C Cold rinse Rinse at 70°C Dry	130	15,5	1,70

The **ULTRA CLEAN** program terminate with an extra anti-bacteria rinse that ensures a further reduction in the bacteria level. If the temperature falls during this stage of the program (e.g. because the door is opened or due to a power blackout), the **program lights** flash to warn that the anti-bacteria effect is not guaranteed.

* Reference program as per **AS/NZS 2007**.

During the comparative tests the dishwasher shall to be setted as follow:

- At the end of the cycle the door must be opened about **15 cm**.

Only run the soak program with partial loads.

- (1) The cycle duration and power consumption may vary according to the water and room temperatures, and the type and amount of dishes.



If the dishwasher door is open or not properly closed, the washing cycle will not start.



Notice for testing institutes

Testing institutes are provided with guidelines for comparative tests (e.g. according to AS/NZS 2007). request the guidelines by contacting us at the following

e-mail address: dishwasher@test-domestic-appliances.com

When making a request, please specify the model (MOD) and the serial number (S/N) indicated on the plate on the side of the door.

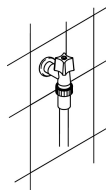
3.2 Washing programs

The dishwasher is equipped with a control panel, described in chapter "3. Description of the controls", from which it is possible to carry out all the power switch-on, switch-off and programming operations.



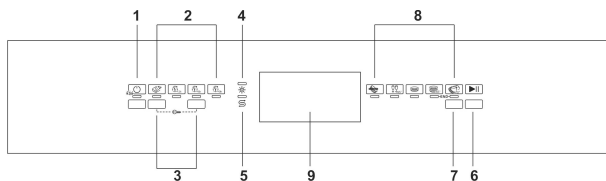
Before starting a washing program make sure that:

- The water supply tap is **open**.
- The **correct amount of detergent** has been added to the **dispenser**.
- The baskets have been **correctly loaded**.
- The spray arms are able to **rotate freely** and without obstruction.
- The dishwasher door is **securely closed**.



Warning:

during the initial phase of the washing program, the operation of sprayers is not perceived because they start rotating about 5 minutes after the start. This is the normal operation of the washing cycle.



SWITCHING ON

When the **ON/OFF** button (**1**) is pressed, the dishwasher switches on. The indicator lights will display the dishwasher's "status".

PROGRAMMING

Programming operations are only possible with the **door closed**. As long as the door is open, the **PROGRAMS** (**8**) lights remain off.

PROGRAM SELECTION

Press the **PROGRAM SELECTION** button (**7**) several times until the light of the program required comes on.



STARTING THE PROGRAM

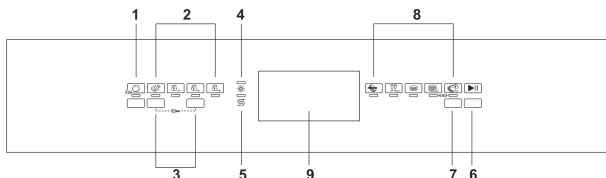
To start the dishwasher, press the **START/PAUSE** button **(6)** for a few seconds, until the light of the selected program starts to flash (confirmation beep).



The light will flash as long as the program is in progress, to indicate that it is being performed.

END OF PROGRAM

At the end of the program the beeper sounds briefly and the program **lights 4 and 5** (marked "end") flash.



INTERRUPTION A PROGRAM

To interrupt a program in progress:

- press the **START/PAUSE** button **(6)**; the light of the program in progress remains on (confirmation beep);
- you may now restart the program by pressing button **(6)** again until it restarts, or change or annul the program (see "**CHANGING A PROGRAM**", or "**ANNULLING A PROGRAM**").

CHANGING A PROGRAM

To change the running program it is necessary:

- to interrupt the running program (see "**INTERRUPTION A PROGRAM**");
- select the new program;
- start the program (see "**STARTING THE PROGRAM**").

ANNULLING A PROGRAM

To annul the program, keep the **START/PAUSE** button **(6)** pressed until the program is interrupted (light on and confirmation beep).

Press button **(6)** again and keep it pressed until the program **lights 4 and 5** (marked "end") come on.



The water in the tank will be pumped out and the program will end at the point where it was interrupted.

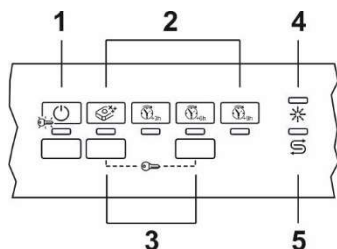


In case that the door is opened during the operation, to the next door closing it is going to be necessary to start the program as shown in paragraph "STARTING THE PROGRAM". The program will resume from the point in which it was interrupted.

In case that the tub temperature is higher than 50°C the program will start about 30 seconds later.

OPTION SELECTION

Options are selected by pressing the relative button by the symbol of the option required; the light comes on to confirm that the option has been activated.



- It is **not possible** to select any options when the **soak program** is being used.
- All options **except "Flexi Tabs"** are **disabled** at the end of the wash cycle. To **disable the "Flexi Tabs" option**, **press** the relative button (the light goes out).
- All options, including **"Flexi Tabs"** are disabled when a program is **CANCELLED** after it has begun.



PROGRAM DELAY

The **PROGRAM DELAY** button can be pressed to delay the start of the washing program by **3, 6 or 9 hours**. This function allows you to set the dishwasher to work at your preferred time of day.

After selecting the delay, start the program (see relative section).

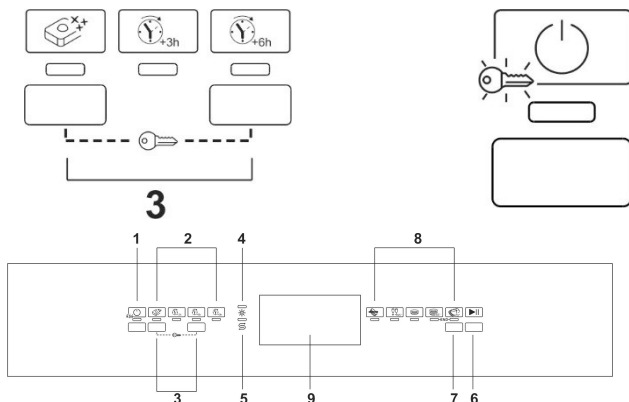
The appliance will prewash the dishes, after which the "program delay" set previously will come into effect (light indicating the time left before the start of the program and light indicating the program set **flash**).

N.B.: It is not possible to select the **PROGRAM DELAY** option once the cycle has begun.



“CHILD LOCK” OPTION

By pressing the indicated buttons **(3)** at the same time, the controls are locked, which is confirmed by the flashing **ON/OFF (1)** warning light. This option stays active (and the warning light keeps flashing) until the buttons **(3)** are pressed again.



Flexi Tabs

Ideal for multi-function detergents, this option allows washing to be optimised, with full benefits from the combined-action tablets. When this option is activated, any salt and rinse aid in the relative containers will not be used.

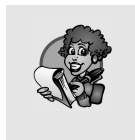
If the option is not provided, we recommend the use of conventional products (separate detergent, salt and rinse aid), because with conventional washing cycles, combined products might create problems such as a white deposit, poor drying results and residues left on dishes.

N.B.:

When the salt and rinse aid containers are empty, the relative lights will remain on even if the “**Flexi Tabs**” option is selected.

IMPORTANT:

when no longer required, the option must be **deactivated** by pressing the relative **button** (the light goes out).



These products **are not suitable** for use with **excessively “hard”** water. If the hardness level set is higher than **H3**, when the option is activated the relative light flashes to indicate that the product is being used incorrectly; the dishwasher **will still work**, but washing results may be **poor**.

**TO SAVE ON ENERGY! ... AND PROTECT THE ENVIRONMENT**

- Always try to run the dishwasher **fully loaded**.
- Do not wash the dishes in running water.
- Use the washing program that is **most appropriate** for each type of load.
- Do not carry out any preliminary rinsing.
- If available, connect the dishwasher to a hot water supply up to 60°C.

TO CUT DOWN ON DETERGENT CONSUMPTION! ... AND PROTECT THE ENVIRONMENT

The phosphates contained in dishwasher detergents are harmful to the environment. To avoid using excessive amounts of detergent and to save on electricity, observe the following:

- **separate** the more delicate items from dishes that are more resistant to aggressive detergents and high temperatures;
- **do not pour** detergent directly on the dishes.

ENERGY MANAGEMENT

At the end of the program, afterwards 5 minutes, the washing machine switches off automatically in order to reduce standby power consumption. In order to switch it on again, it is necessary to press the **ON/OFF** button.

REMOVING THE DISHES

At the end of the washing program, wait at least **20 minutes** before removing the dishes, to allow them to cool down. To prevent any water droplets on the upper basket from falling on the dishes in the lower basket, it is **advisable** to unload the lower basket first, and then the upper basket.



4. Operating instructions

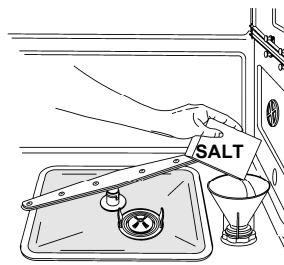
Once the dishwasher has been correctly installed, prepare for use as follows:

- Adjust the water softening system (on some models only);
- Add the regenerating salt (on some models only);
- Add the rinse aid and detergent.

4.1 Using the water softening system (on some models only)



The amount of scale contained in the water (water hardness index) can cause whitish staining on the dry dishes, which tend to become dull over time. The dishwasher is equipped with an automatic softening system which uses a special regenerating salt to reduce the hardness of the water.



When using water of medium hardness, the regenerating salt container should be refilled after approximately **20 washing cycles**. The salt container can hold approximately **1.7 Kg** of salt in grains. The container is situated at the bottom of the dishwasher. After removing the lower basket, unscrew the salt container cap by turning it anticlockwise and pour in the salt using the funnel supplied with the dishwasher. Before replacing the cap, remove any salt residues from around the opening.



- *When using the dishwasher for the first time, in addition to the salt it is also necessary to add **one litre of water** to the container.*
- *Each time the salt container is refilled, make sure that **the cap is securely closed**. The mixture of water and detergent must never penetrate the salt container, as this would compromise the operation of the regeneration system. In the event of this occurring, the warranty will be invalidated.*
- ***Only** use regenerating salt specially formulated for domestic dishwashers. If using salt tablets, **do not fill the container completely**.*



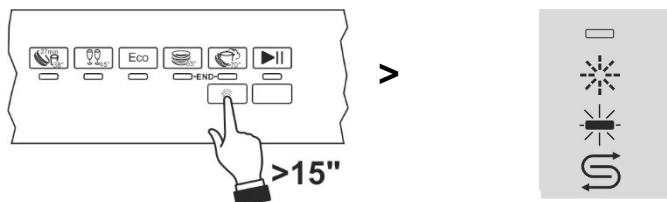
- **Do not use table salt** as it contains insoluble substances which, over time, may damage the water softening system.
- When necessary, refill the regenerating salt container **before starting the washing program**. In this way, the excess saline solution will be immediately removed by the water; the prolonged presence of salt water inside the tank may lead to **corrosion**.



Be careful not to confuse the salt and detergent packages; adding detergent to the salt container will **damage** the water softening system.

ADJUSTING THE WATER SOFTENING SYSTEM (on some models only)





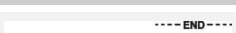

The setting can be adjusted using the **PROGRAM SELECTION BUTTON (7)**. Keep the button pressed until the **WATER HARDNESS ADJUSTMENT INDICATOR LIGHT (5)** flashes. The **SELECTED PROGRAM INDICATOR LIGHTS (8)** indicate the current setting. Each press of the button modifies the setting according to the sequence in the following table:



After carrying out the adjustment or displaying the current setting, if you do not touch the button for a few seconds the dishwasher will automatically exit from adjustment mode and return to the standard operating mode.



WATER HARDNESS TABLE

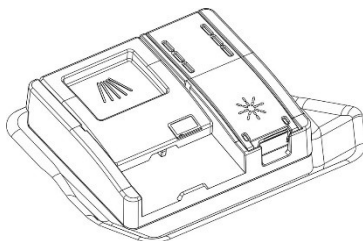
WATER HARDNESS		SETTING
German degrees (°dH)	French Degrees (°dF)	
0 - 6	0 - 11	H0 - All lights off (no salt) 
7 - 10	12 - 18	H1 - One light on 
11 - 15	19 - 27	H2 - Two lights on 
16 - 21	28 - 37	H3 - Three lights on 
22 - 28	38 - 50	H4 - Four lights on 
29 - 50	51 - 90	H5 - Five lights on 

Contact your local water board for information on the hardness of your water supply.

Default settings: **H3** - 16-21°dH – 28-37°dF

4.2 Using the rinse aid and detergent dispensers

The detergent and rinse aid dispensers are situated on the inner part of the door: the **detergent dispenser** is on the left, and the **rinse aid dispenser** is on the right.

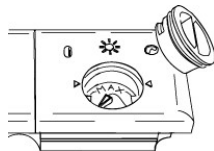


With the exception of the **SOAK** program, before every washing cycle it is necessary to add the required amount of detergent to the **detergent dispenser**. The rinse aid, on the other hand, should only be added as required.



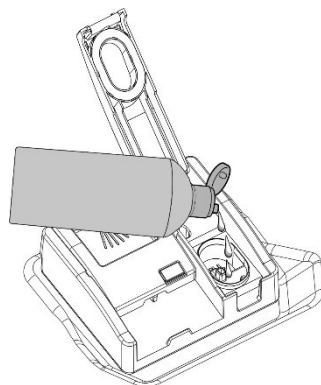
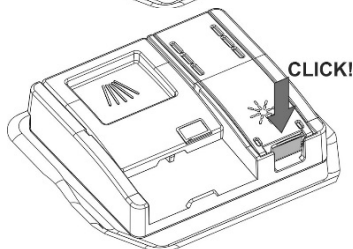
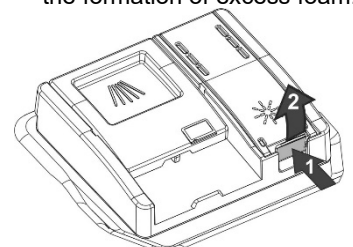
ADDING THE RINSE AID

The rinse aid helps the dishes dry faster and prevents the formation of scale deposits and staining; it is automatically added to the water during the final rinse cycle, from the container situated on the inner side of the door.



To add rinse aid:

- Open the dispenser by pressing and lifting the tab on the cover.
- Fill the dispenser with rinse aid. Top up again when the rinse aid indicator light turns on.
- Close the cover, a click indicates when it is closed.
- Use a cloth to remove any spillage of rinse aid which might lead to the formation of excess foam.

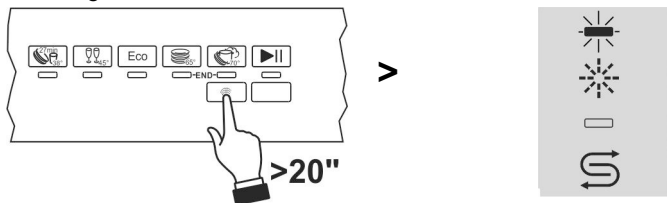




ADJUSTING THE RINSE AID DISPENSER MODE

Press and hold the **PROGRAM SELECTION button (7)**, after about 15" the salt indicator flashes; keep still pressed until the **RINSE AID DISPENSER MODE INDICATOR LIGHT (4)** flashes and the **SELECTED PROGRAM LIGHTS (8)** indicate the current setting.

Press several times to choose the desired dosage according to the following table:



After carrying out the adjustment or displaying the current setting, if you do not touch the button for a few seconds the dishwasher will automatically exit from adjustment mode and return to the standard operating mode.

RINSE AID ADJUSTMENT TABLE

0 – not dispensed	b0	All indicator lights off	
Minimum. 2 ml	b1	One indicator light on	
3 ml	b2	Two indicator lights on	
4 ml	b3	Three indicator lights on	
5 ml	b4	Four indicator lights on	
Maximum. 6 ml	b5	Five indicator lights on	

Default settings: **b4 – 5ml**



- The amount of rinse aid must be **increased** if the washed dishes appear dull or feature circular stains.
- If, on the other hand, the dishes are sticky or have white streaks, it is necessary to **reduce** the rinse aid setting.

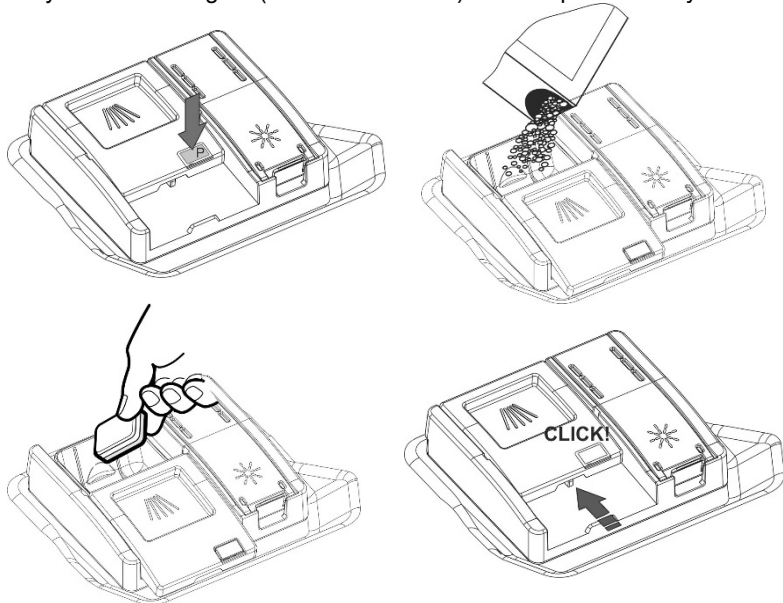


ADDING THE DETERGENT

To open the detergent dispenser cover, lightly press button **P**. Add the detergent or tablet and close the cover by sliding it until it stops, indicated by a click.

The dispenser will open automatically during the wash cycle.

Only add the detergent (also in tablet form) if the dispenser is dry



- When a program with hot prewash is selected (see program table), extra detergent must be placed in the cavity **G/H** (depending on models).
- Use **only** detergents specially formulated for dishwashers. The detergent packs must be sealed and stored in a dry place to prevent the formation of lumps which may negatively affect washing results. Once opened the detergent packs should not be kept for too long, otherwise the detergent loses its effectiveness.
- Do not use detergents for washing dishes by hand because they may affect the operation of the dishwasher.
- Add the correct amount of detergent. An insufficient amount of detergent will result in a partial removal of dirt from the dishes, whereas an excessive amount is wasteful and does not improve the washing results.
- For the safeguarding of the environment we recommend the use of **phosphate- and chlorine free** detergents.



The introduction of detergent into the rinse aid dispenser, even in liquid form, will damage the dishwasher.

4.3 General warnings and recommendations



Before using the dishwasher for the first time, it is advisable to read the following recommendations concerning dish types to be washed and their loading.

There are generally no constraints on the washing of domestic dishes, but in certain cases it is necessary to take their characteristics into account.

Before loading the dishes into the baskets it is necessary to:

- *remove coarse food remains: e.g. bones, fish-bones, etc. which may clog the filter or damage the wash pump.*
- *soak any pots or pans with burnt-on food remains on the bottom to facilitate removal, then load them into the LOWER BASKET.*

There is no need to pre-wash the dishes under running water before loading them into the baskets since this only wastes water.

Correct loading of the dishes helps ensure optimal washing results.

**WARNING!**

- *Make sure that the dishes are securely in place so that they cannot tip over or obstruct the rotation of the spray arms during the washing cycle.*
- *Do not place very small objects in the baskets as these could fall and obstruct the spray arms or the wash pump.*
- *Containers such as cups, bowls, glasses and pots should always be loaded with the opening facing downwards and with any cavities at an angle, to allow the water to drain out.*
- *Do not stack dishes or place them in such a way that they cover one other.*
- *Do not place glasses too close together because they may knock against each other and break, or there might be staining at the point where they touch.*

MAKE SURE that the items being washed are dishwasher-safe.

Items which are not dishwasher-safe:

- **Wooden dishes, pots or pans:** these may be damaged by the high washing temperatures.
- **Handcrafted items:** these are rarely suitable for washing in a dishwasher. The relatively high water temperatures and the detergents used may damage them.
- **Plastic dishes:** heat resistant plastic dishes must be washed in the upper basket.
- **Dishes and objects in copper, tin, zinc or brass:** these tend to stain.
- **Aluminium dishes:** items made from anodised aluminium may lose their colour.
- **Silverware:** silver items may stain.
- **Glass and crystal:** in general, glass and crystal objects can be washed in the dishwasher. However, certain types of glass and crystal may become dull and lose their clearness after many washings. Therefore, for these items we recommend using the least aggressive program available.
- **Decorated items:** the decorated objects available on the market are generally able to withstand washing in the dishwasher, although the colours may fade after a great many washes. If in doubt as to the fastness of the colours, it is advisable to wash just a few items at a time for approximately one month.



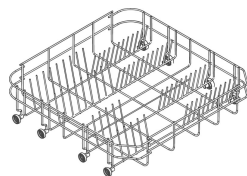
4.4 Using the baskets

The dishwasher has a capacity of **14 place-settings**, including serving dishes.

LOWER BASKET

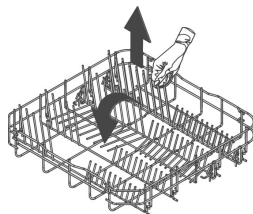
The lower basket receives the full force of the lower spray arm, and should therefore be used for the “toughest” items with a heavier degree of soiling.

All types and combinations of loads are permitted, provided that the dishes, pots and pans are arranged with all the soiled surfaces exposed to the water jets coming from the bottom.



With fixed supports

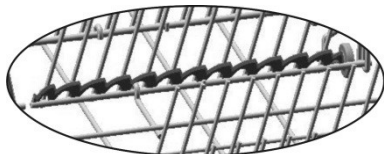
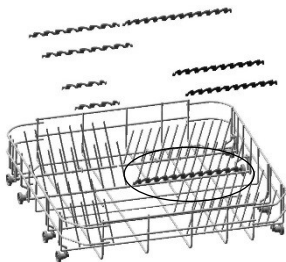
To make the most of the space inside the basket when loading large items, certain models are equipped with tip-up supports for plates in 2 or 4 sections.



With tip-up supports

BOTTOM BASKET INSERTS

Some models are equipped with bottom basket inserts which improve the drying of dishes. The inserts are supplied in the accessories bag; to use them, simply fit them into place as shown.

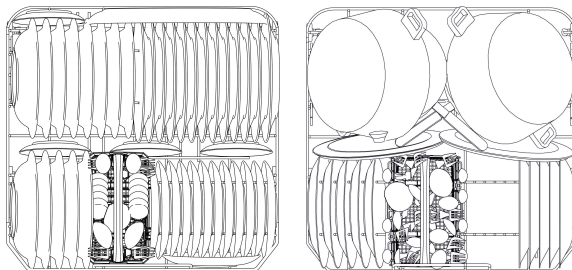




LOADING THE LOWER BASKET

Carefully load flat plates, soup plates, dessert and serving dishes, positioning them vertically. Pots, pans and their covers must be loaded upside down. When loading soup plates and dessert bowls, be sure to leave a gap between them.

Loading examples:



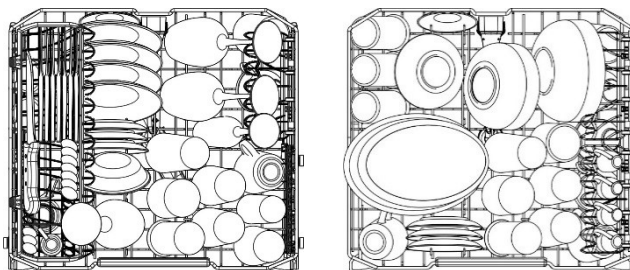
UPPER BASKET

The upper basket should be loaded with small or medium-sized items such as glasses, small plates and saucers, tea or coffee cups, shallow bowls and light objects. If the upper basket is used in the lowermost position, it can also be loaded with serving dishes, provided they are only lightly soiled.

LOADING THE UPPER BASKET

Load plates facing forward; cups, bowls etc. must always be facing downwards. The left side of the basket can be loaded with cups and glasses on two levels. In the centre section, plates and saucers can be loaded vertically into the supports provided.

Loading examples:



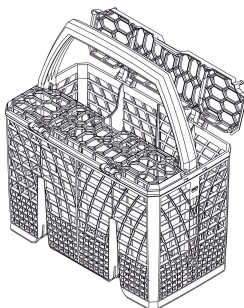


CUTLERY BASKET

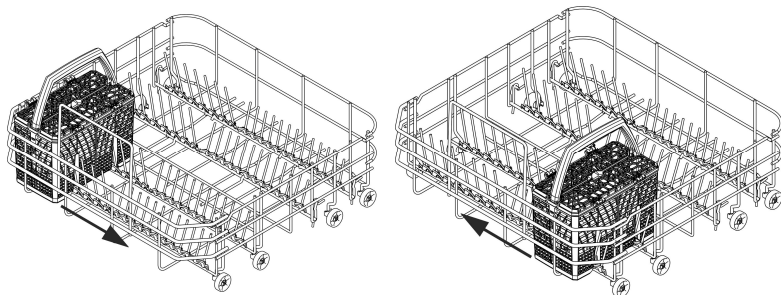
The basket is suitable for all types of cutlery, except long items that may **interfere** with the upper spray arm. The cutlery should be arranged in the spaces in the upper racks to allow the water to pass effectively between the items.

Forks and spoons should be positioned with the **handle facing downwards**, taking care not to injure yourself with the prongs of the forks. **Knives** should be placed in the tray on the upper rack or in the cutlery drawer, if present (depending on the model), otherwise position them with the **handles facing upwards**.

Ladles, wooden spoons and kitchen knives can be placed on the upper rack, **making sure that the blades of the knives do not protrude from the basket**. The upper racks can be opened in order to insert, for example, small items.



The cutlery basket slides across the dishwasher and can be **placed in any position** to allow optimal use of the space in the bottom basket.



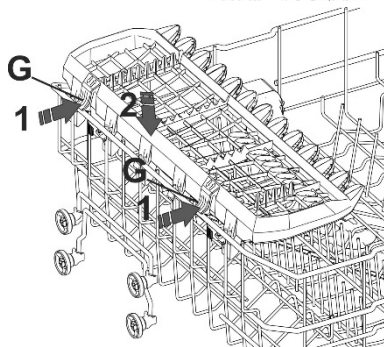
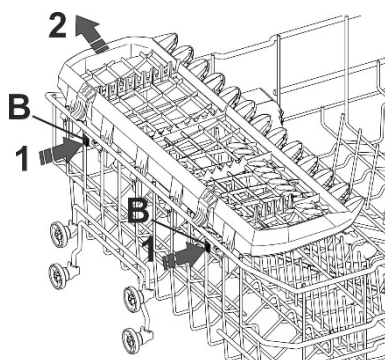
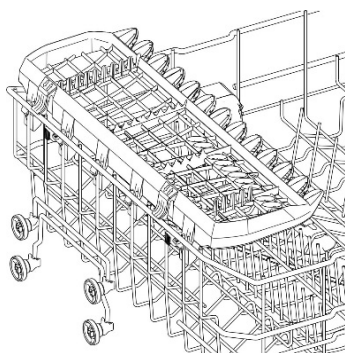


UPPER BASKET EQUIPMENT (depending on the model)

Cutlery tray

For knives, spoons (tea and dessert) and long objects. The ends are designed to hold long stemmed glasses.

- It can be removed by pressing and pushing the release levers **(B)** at the same time.
- It has to be lowered if the upper basket is in the topmost position. Press the catches **(G)** simultaneously.

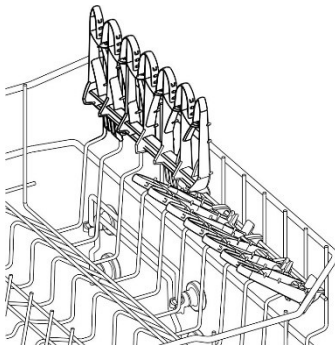




Fold-down shelves

For mugs, cups and long objects. The ends are designed to hold long stemmed glasses

When not used they can be moved to a vertical position (until a click is heard).

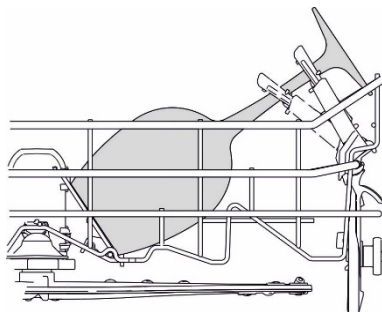
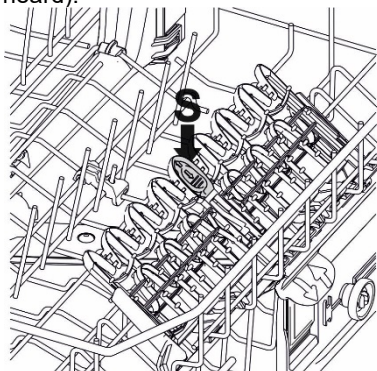


Shelves with expandable wings

For small objects, mugs and cups.

They can be used either closed or open (pull the upper, sliding part). To close them, press the release device (S) and slide them downwards.

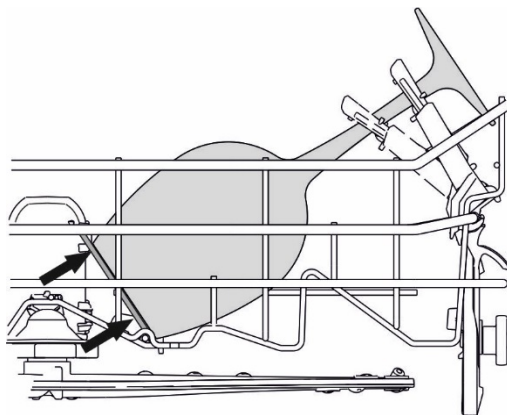
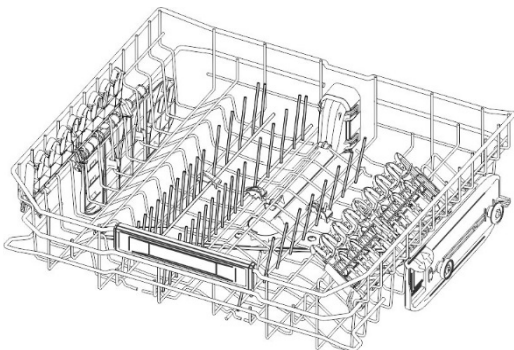
The ends are designed to hold long stemmed glasses (even when closed). When not used they can be moved to a vertical position (until a click is heard).



**Fold-down tines**

These can be secured in a vertical position, resting on the bottom of the basket if unused, or placed in an intermediate position, as required.

The single tine on the right is ideal for supporting long stemmed glasses.





ADJUSTING THE UPPER BASKET

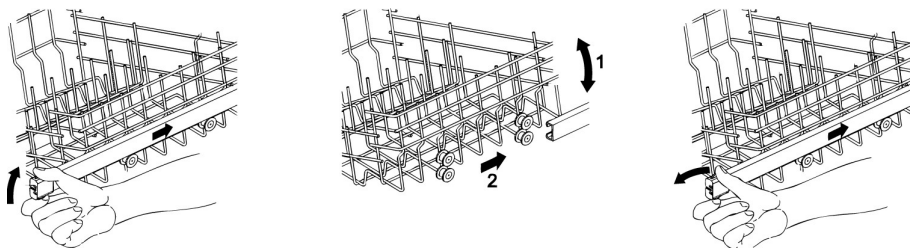
The height of the top basket can be adjusted to allow large dishes or pans to be placed in the bottom basket.

The adjustment procedure may be type **A** or **B**, depending on the dishwasher model purchased.

Version A: pull-out with adjustment in two positions.

- Pull out both the basket guides.
- Remove the stops, first releasing them as shown in the diagram.
- Pull out the basket.
- Fit the upper or lower pair of wheels into the guide, depending on the setting required;
- Return the stops to their original position.

The left hand and right hand sides of the basket **must always be set at the same height**.

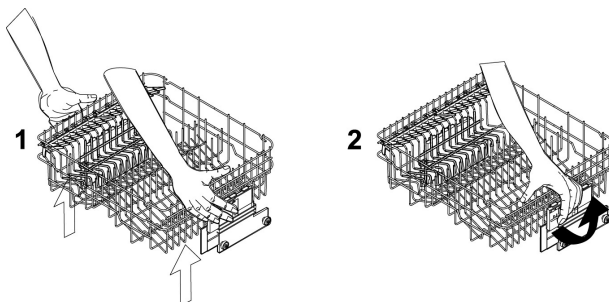


Version B: with adjustment in three positions on both sides.

The sides of the basket **must always be set at the same height**.

- Raise the basket by pulling on the top edge (1), to the first or second catch depending on the height required.
- To lower the basket, first release it by pulling the release lever (2).

Adjustment is also possible with the basket loaded, but in this case when lowering the basket it should be held steady with one hand to avoid knocking the dishes.





5. Cleaning and maintenance

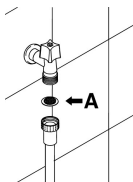


Before carrying out any work, always unplug the appliance from the electrical supply or switch off the all-pole disconnection device.

5.1 General warnings and recommendations

Avoid the use of acidic or abrasive detergents.

Clean the outer surfaces and door-lining of the dishwasher regularly using a soft cloth moistened with water or with a normal detergent suitable for painted surfaces. Clean the door gaskets with a damp sponge. Periodically (once or twice a year) it is advisable to clean the tank and gaskets, using a soft cloth and water to remove any deposits.



CLEANING THE WATER INTAKE FILTER

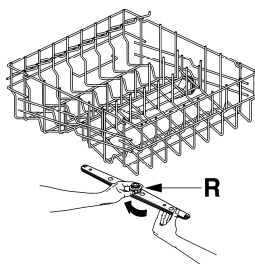
The water intake filter **A** located at the outlet of the water supply tap needs to be cleaned periodically.

After having closed the water supply tap, unscrew the end of the water intake hose, remove the filter **A** and clean it delicately under running water. Reassemble filter **A** in its seat and carefully screw the water intake hose back into position.

CLEANING THE SPRAY ARMS

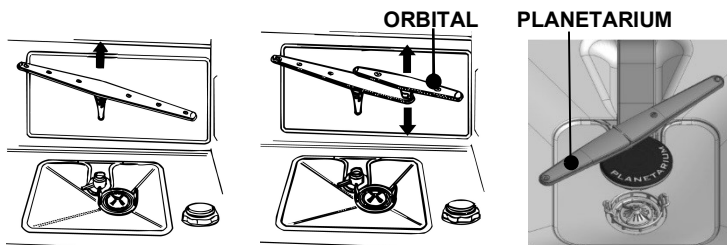
The spray arms can be easily removed for periodic cleaning of the nozzles, to prevent possible clogging. Wash them under running water and carefully replace them in their seats, **checking that their rotary movement is in no way impeded.**

- To remove the **upper** spray arm, unscrew locking ring **R**.



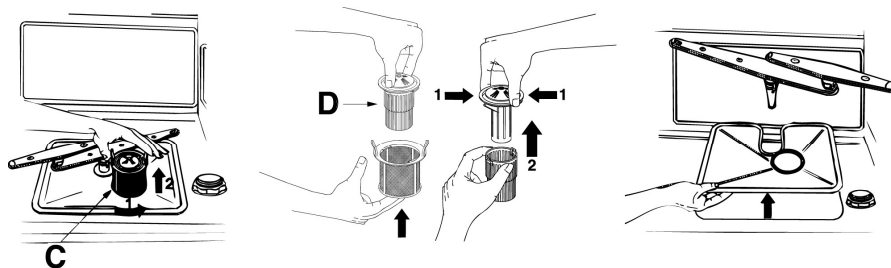


- To remove the **lower** spray arm, simply lift it up, pulling by the central part.
- To remove the **orbital** spray arm assembly, take hold of the longer arm and pull the orbital unit upward. Wash the arms under a jet of running water and return them carefully to their seat. **After reassembly, check that the spray arms turn freely.** Otherwise, check that they have been installed correctly.
- To remove and clean the **planetarium** sprayer follow the instructions provided.



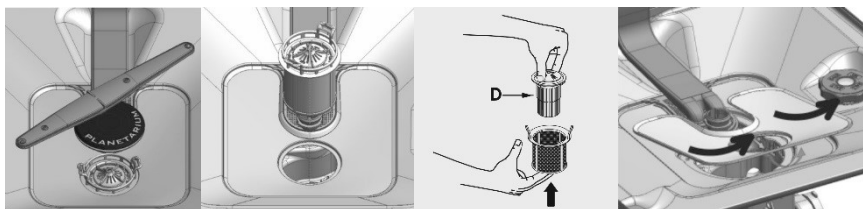
CLEANING THE FILTER UNIT

- It is advisable to periodically inspect the centre filter **C** and, if necessary, to clean it. To remove the filter, grip the tabs, turn them anticlockwise and lift upwards;
- push the centre filter **D** from the underside to remove it from the micro-filter;
- separate the two parts which make up the plastic filter by pressing the body of the filter in the zone shown by the arrows;
- remove the centre filter by lifting it upwards.



**CLEANING THE FILTER UNIT (models with planetarium sprayer)**

- It is advisable to periodically inspect the centre filter and, if necessary, to clean it.
- remove the planetarium sprayer follow the instructions provided.
- push the centre filter **D** from the underside to remove it from the micro-filter:
- separate the two parts which make up the plastic filter by pressing the body of the filter in the zone shown by the arrows;
- remove the centre filter by lifting it upwards.

**GENERAL WARNINGS AND RECOMMENDATIONS FOR CORRECT MAINTENANCE:**

- The filters should be cleaned **under running water** using a stiff brush.
- **When removing the filter**, take care that there are no food residues on it. If any residues fall into the washing pit they might block hydraulic components, or foul the spray arm nozzles.
- It is essential to **thoroughly clean the filters** according to the above instructions: the dishwasher cannot function if the filters are clogged.
- **Carefully replace** the filters in their seats, to avoid damaging the wash pump.

PROLONGED DISUSE:

- Run the soak program twice in succession.
- **Unplug** the power cord from the socket.
- **Leave the door slightly open**, in order to prevent the formation of unpleasant odours inside the washing tank.
- **Fill the rinse aid dispenser**.
- **Shut off the water supply tap**.



BEFORE STARTING THE DISHWASHER AFTER PROLONGED DISUSE:

- *Check that there are no deposits of sludge or rust inside the water pipe: if there are, allow the water to run from the water supply tap for a few minutes.*
- **Plug the power cord** back into the socket.
- **Reconnect the water intake hose and open the tap again.**

TROUBLESHOOTING MINOR PROBLEMS

In some cases it is possible to remedy minor problems by referring to the following instructions:

If the program fails to start, check that:

- *the dishwasher is connected to the electrical power supply;*
- *there is no power failure;*
- *the water tap is open;*
- *the dishwasher door is properly closed.*

If water remains inside the dishwasher, check that:

- *the drain hose is not kinked;*
- *the drain siphon is not obstructed;*
- *the dishwasher filters are not clogged.*

If the dishes are not being cleaned properly, check that:

- *the correct amount of detergent has been added;*
- *there is regenerating salt inside the special container;*
- *the dishes are being loaded correctly;*
- *the selected program is suitable for the dish types and their degree of soiling;*
- *all the filters are clean and positioned correctly;*
- *the spray arm nozzles are not obstructed;*
- *there is no object obstructing the rotation of the spray arms.*

***If the dishes fail to dry or remain dull, check that:***

- *there is rinse aid inside the special container;*
- *the rinse aid dispenser setting is correct;*
- *the detergent used is of good quality and has not lost its effectiveness (for example, through incorrect storage, with the box left open).*
- *Non-dry synthetic dishes.
Synthetic material has a lower heat storage capacity and is therefore harder to dry.*

If the dishes show signs of streaking, staining, etc., check that:

- *the rinse aid dispenser setting is not too high.*

If there are visible traces of rust inside the tank:

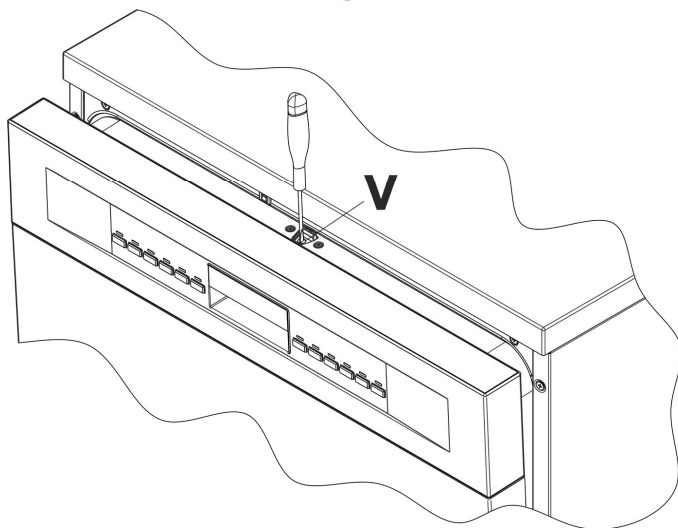
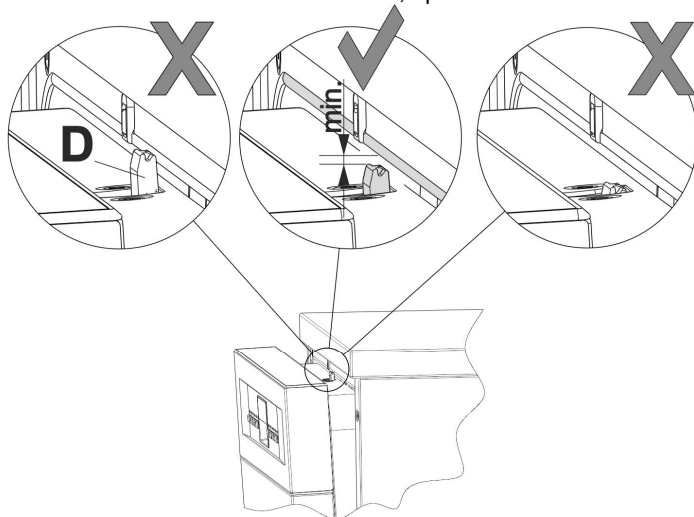
- *the tank is made of steel, and therefore any rust marks are due to external elements (fragments of rust from the water pipes, pots, cutlery, etc.). Special products are commercially available to remove such marks;*
- *check that the amount of detergent being used is correct. Certain detergents can be more corrosive than others.*
- *check that the cap of the salt container is securely closed, and that the water softening setting is correct.*

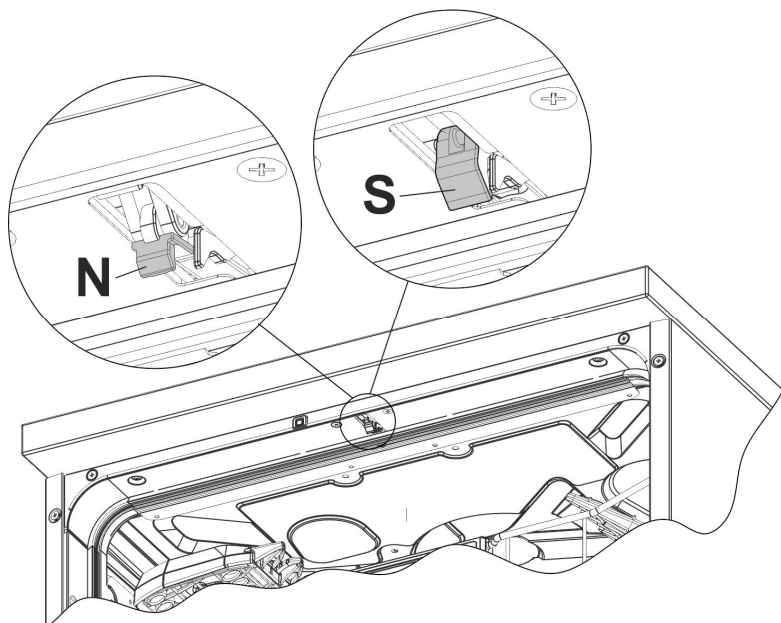


Only for models with this lock version.

If the door does not close:

- 1 - Check the position of the door lock catch (**D**)
- 2 - **If necessary**, raise it by adjusting the plastic screw (**V**) next to the catch.
- 3 - Check the condition of the lock hook; if it has not triggered (reference **N**), the door opens and closes normally. **If it has triggered** (reference **S**), close the door with force until it resets; open and close the door.





If after following the above troubleshooting instructions the problem persists, call the nearest After-Sales Centre.

WARNING: any operations performed on the appliance by unauthorised persons are not covered by the warranty and shall be paid for by the user.























6. Troubleshooting

The dishwasher is capable of signalling a number of faults through the simultaneous illumination of several indicator lights, with the following meanings:

FAULT		DESCRIPTION
E1		Acquastop failure The anti-flooding system has been activated (for the relevant models only). The system is tripped in case of water leaks. Contact the after-sales service.
E2		Safety level The system which limits the water level inside the dishwasher has been tripped. Interrupt the program and switch off the dishwasher. Switch the dishwasher back on, program it again and start the washing cycle. If the problem persists, contact the after-sales service.
E3		Water heating malfunction The water is not heated or the heating parameters are not correct. Repeat the washing program; if the problem persists, contact the after-sales service.
E4		Water temperature monitoring malfunction Interrupt the program and switch off the dishwasher. Switch the dishwasher back on, program it again and start the washing cycle. If the problem persists, contact the after-sales service.
E5		Water intake malfunction The appliance does not take in water or does not do so correctly. Check that the water connections are correct, the water intake tap is turned on and the filter is not fouled. If the problem persists, contact the after-sales service.
E6		Water pump-out malfunction The appliance does not pump out the water or does not do so correctly. Check that the drain hose is not kinked or crushed and that the siphon and filter are not fouled. If the problem persists, contact the after-sales service.



FAULT		DESCRIPTION
E7	    	Turbine flow-regulator malfunction (for the relevant models only) The appliance is not able to "measure" the amount of water loaded accurately. Interrupt the program and switch off the dishwasher. Switch the dishwasher back on, program it again and start the washing cycle. If the problem persists, contact the after-sales service.
E8	    	Alternate washing system malfunction Interrupt the program and switch off the dishwasher. Switch the dishwasher back on, program it again and start the washing cycle. If the problem persists, contact the after-sales service.
E9	    	Water intake system malfunction Contact the after-sales service.
E11	    	Wash motor pump does not work

 Light off

 Light on

 Light flashing

If an alarm occurs the appliance interrupts the program in progress and signals a fault.

- Alarms **E1**, **E2**, **E3**, **E4**, **E8** and **E9** interrupt the current program immediately.
- The **E5**, **E6** alarms interrupts the running program once the cause is resolved, it will bring back the execution of the program.
- The alarm **E7** is visualized at the end of the cycle that comes, however, brought to the end since the operation of the dishwasher is not harmed.
- Alarm **E11**: Contact your authorised Service Centre

To "reset" an alarm is necessary:

- Open and close the door, or turn off and on the machine. At this point is possible to program the dishwasher again.



If the malfunction persists, contact your authorised Service Centre.

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THESE INSTRUCTIONS ARE VALID ONLY FOR END USER COUNTRIES WHOSE IDENTIFICATION SYMBOLS APPEAR ON THE COVER OF THIS MANUAL.



INSTRUCTIONS FOR THE INSTALLER: these are intended for the **authorized person** who is to check the gas supply system and install, commission and test the appliance.



INSTRUCTIONS FOR THE USER: these contain user advice, description of the commands and the correct procedures for cleaning and maintenance of the appliance.



Further product information is available from the website www.smeg.com

Precautions for Safety and Use

1 INSTRUCTIONS FOR SAFE AND PROPER USE



THIS MANUAL IS AN INTEGRAL PART OF THE APPLIANCE AND THEREFORE MUST BE KEPT IN ITS ENTIRETY AND IN AN ACCESSIBLE PLACE FOR THE WHOLE WORKING LIFE OF THE COOKING HOB. WE ADVISE READING THIS MANUAL AND ALL THE INSTRUCTIONS THEREIN BEFORE USING THE COOKING HOB. ALSO KEEP THE SERIES OF NOZZLES SUPPLIED. INSTALLATION MUST BE CARRIED OUT BY QUALIFIED PERSONNEL IN ACCORDANCE WITH THE REGULATIONS IN FORCE. THIS APPLIANCE IS INTENDED FOR DOMESTIC USES AND CONFORMS TO CURRENT **REGULATIONS IN FORCE**. THE APPLIANCE HAS BEEN BUILT TO CARRY OUT THE FOLLOWING FUNCTIONS: **COOKING AND HEATING-UP OF FOOD**. ALL OTHER USES ARE CONSIDERED IMPROPER. **THE MANUFACTURER DECLINES ALL RESPONSIBILITY FOR IMPROPER USE.**



THIS APPLIANCE HAS BEEN MANUFACTURED TO COOK FOOD, DO NOT USE THE APPLIANCE TO HEAT ROOMS.



TO BE INSTALLED ONLY BY AN AUTHORIZED PERSON.



NEVER LEAVE PACKAGING RESIDUES UNATTENDED IN THE HOME. SEPARATE WASTE PACKAGING MATERIALS BY TYPE AND CONSIGN THEM TO THE NEAREST SEPARATE DISPOSAL CENTRE.



REPLACED APPLIANCES MUST BE TAKEN TO A SPECIAL GARBAGE COLLECTION CENTRE.



THE APPLIANCE MUST BE CONNECTED TO EARTH IN COMPLIANCE WITH ELECTRICAL SYSTEM SAFETY REGULATIONS.



THE PLUG TO BE CONNECTED TO THE POWER SUPPLY LEAD AND THE RELATIVE SOCKET MUST BE OF THE SAME TYPE AND COMPLY WITH THE RELEVANT REGULATIONS. THE SOCKET MUST BE ACCESSIBLE AFTER THE APPLIANCE IS BUILT IN.

NEVER DISCONNECT THE PLUG BY PULLING ON THE POWER SUPPLY LEAD.

Precautions for Safety and Use



IMMEDIATELY AFTER INSTALLATION, CARRY OUT A QUICK TEST ON THE APPLIANCE FOLLOWING THE INSTRUCTIONS PROVIDED LATER IN THIS MANUAL. SHOULD THE APPLIANCE NOT FUNCTION, DISCONNECT IT FROM THE SUPPLY AND CALL THE NEAREST TECHNICAL ASSISTANCE CENTRE.

NEVER ATTEMPT TO REPAIR THE APPLIANCE YOURSELF.



AFTER EACH USE OF THE APPLIANCE, ALWAYS CHECK THAT THE CONTROL KNOBS ARE TURNED TO OFF



NEVER PLACE FLAMMABLE OBJECTS IN THE OVEN: IF IT SHOULD ACCIDENTALLY BE SWITCHED ON, THIS MIGHT CAUSE A FIRE.



THE IDENTIFICATION PLATE, WITH TECHNICAL DATA, SERIAL NUMBER AND MARKING IS CLEARLY VISIBLE UNDER THE CASING. THE PLATE ON THE CASING MUST NOT BE REMOVED.

BEFORE CONNECTING THE DEVICE, MAKE SURE THAT IT HAS BEEN REGULATED FOR THE TYPE OF GAS THAT WILL FEED IT, CHECKING THE LABEL UNDER THE HOB.



NEVER PLACE PANS WITH BOTTOMS WHICH ARE NOT PERFECTLY FLAT AND SMOOTH ON THE HOB GRIDS.



DURING USE THE APPLIANCE BECOMES VERY HOT. TAKE CARE NEVER TO TOUCH THE HEATING ELEMENTS INSIDE THE OVEN. TO AVOID BURNS AND SCALDS CHILDREN SHOULD BE KEPT AWAY.



INSTALL THE APPLIANCE SO THAT WHEN DRAWERS OR DOORS OF UNITS INSTALLED AT HOB HEIGHT ARE OPENED, ACCIDENTAL CONTACT WITH PANS ON THE HOB IS NOT POSSIBLE.



WARNING - IN ORDER TO PREVENT ACCIDENTAL TIPPING OF THE APPLIANCE, FOR EXAMPLE BY A CHILD CLIMBING ONTO THE OPEN OVEN DOOR, THE STABILIZING MEANS MUST BE INSTALLED. PLEASE REFER TO INSTRUCTIONS FOR INSTALLATION.



NEVER USE PANS OR GRIDDLE PLATES WHICH PROJECT BEYOND THE OUTSIDE EDGE OF THE HOB.

Precautions for Safety and Use



THE APPLIANCE IS NOT INTENDED FOR USE BY YOUNG CHILDREN OR INFIRM PERSONS UNLESS THEY HAVE BEEN ADEQUATELY SUPERVISED BY A RESPONSIBLE PERSON TO ENSURE THEY CAN USE THE APPLIANCE SAFELY. YOUNG CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.



DO NOT SPRAY ANY SPRAY PRODUCTS NEAR THE ELECTRICAL APPLIANCE WHILE IT IS IN OPERATION.
DO NOT USE SPRAY PRODUCTS WHILE THE PRODUCT IS STILL HOT.



WHERE THIS APPLIANCE IS INSTALLED IN MARINE CRAFT OR CARAVANS, IT SHALL NOT BE USED AS A SPACE HEATER.



DO NOT MODIFY THIS APPLIANCE.



DO NOT USE STEAM JETS FOR CLEANING THE APPLIANCE. THE STEAM COULD REACH THE ELECTRONICS, DAMAGING THEM AND CAUSING SHORT-CIRCUITS.



DO NOT STORE FLAMMABLE MATERIALS IN THE APPLIANCE STORAGE DRAWER OR NEAR THIS APPLIANCE.



THE INSTRUCTIONS PACKAGED WITH THIS APPLIANCE CONTAIN IMPORTANT INFORMATION ABOUT INSTALLATION AND USE.



UNSUITABLE FOR USE IN MARINE CRAFT, CARAVANS OR MOBILE HOMES, UNLESS EACH BURNER IS FITTED WITH A FLAME SAFEGUARD



IN CASE OF SERVICE, CONTACT YOUR NEAREST SERVICE AGENT OR DISTRIBUTOR LISTED ON THE WARRANTY CARD.



The manufacturer declines all responsibility for injury or damage caused by failure to comply with the above regulations or deriving from tampering with even just one part of the appliance and the use of non-original spare parts.

Instructions for disposal



2 ENVIROMENTAL RESPONSIBILITY

Our product's packing is made of non-polluting materials, which are therefore compatible with the environment and recyclable. Please help by disposing of the packaging correctly. You can obtain the addresses of collection, recycling and disposal centres from your retailer or from the competent local organisations.



Do not discard the packaging or any part of it, or leave it unattended. It can constitute a suffocation hazard for children, especially the plastic bags.

Your old appliance also needs to be disposed of correctly.

Important: hand over your appliance to the local agency authorised for the collection of electrical appliances no longer in use. Correct disposal enables intelligent recovery of valuable materials.

Before disposing of your appliance it is important to remove doors and leave shelves in the same position as for use, to ensure that children cannot accidentally become trapped inside during play. It is also necessary to cut the connecting cable to the power grid, removing it along with the plug.



Instructions for the Installer

3 POSITIONING OF THE HOB



*It is the law that all gas appliances are installed by **authorised persons**.*

Clearance around the appliance must comply with the requirements of AS5601.

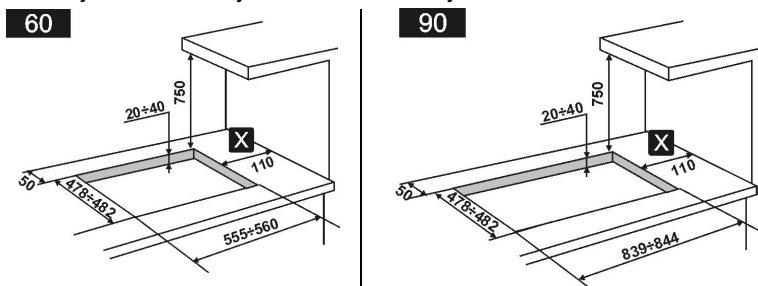
The following operation requires building and/or carpentry work so must be carried out by a competent tradesman. Installation can be carried out on various materials such as masonry, metal, solid wood or plastic laminated wood as long as they are heat resistant (T 90°C).

3.1 Attachment to support structure

Create an opening with the dimensions shown in the figure in the top surface of the counter, keeping a minimum distance of **50 mm** from the rear border.

This appliance is classified as “type Y” in relation to fire hazards and can therefore be mounted against walls higher than the work surface on condition that a certain distance “X” be kept between the appliance and the wall as shown in the figure so as to avoid damage from overheating.

Make sure there is a minimum of **750 mm** between the hot plate flames and any shelf that may be installed directly above them.



Carefully position the insulating seal supplied on the outer perimeter of the hole made in the counter top as shown in **figure 4** (the dimensions in the figure refer from the hole to the inside of the seal), trying to ensure that it sticks across the whole of its surface by applying light pressure with your hands. Fix the hob to the unit using the appropriate brackets **B** and spacer **A** as shown in figures 1, 2 and 3. Spacer **A** will help to keep the hob top at the right distance from the edge of the counter top to avoid future overheating during operation and must be used **solely in the front left-hand corner of the appliance**. Carefully trim the surplus away from edge **C** beyond the seal (**Fig.5**).

Instructions for the Installer

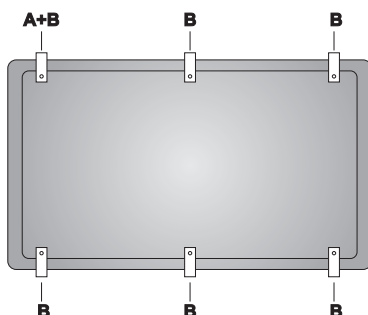


Fig.1

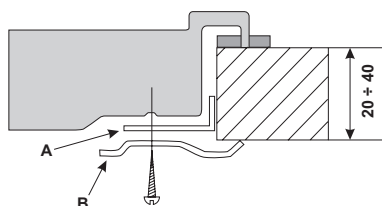


Fig.2

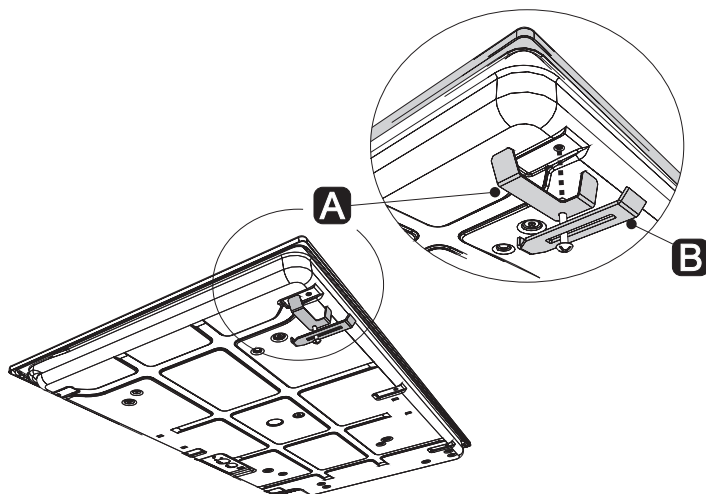


Fig.3

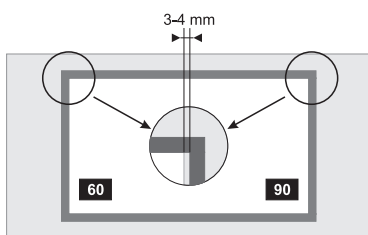


Fig.4

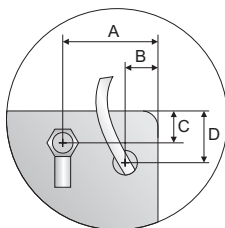
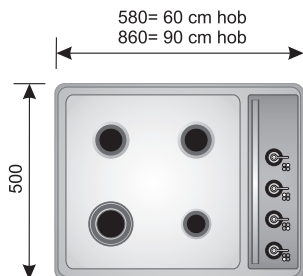


Fig.5



Instructions for the Installer

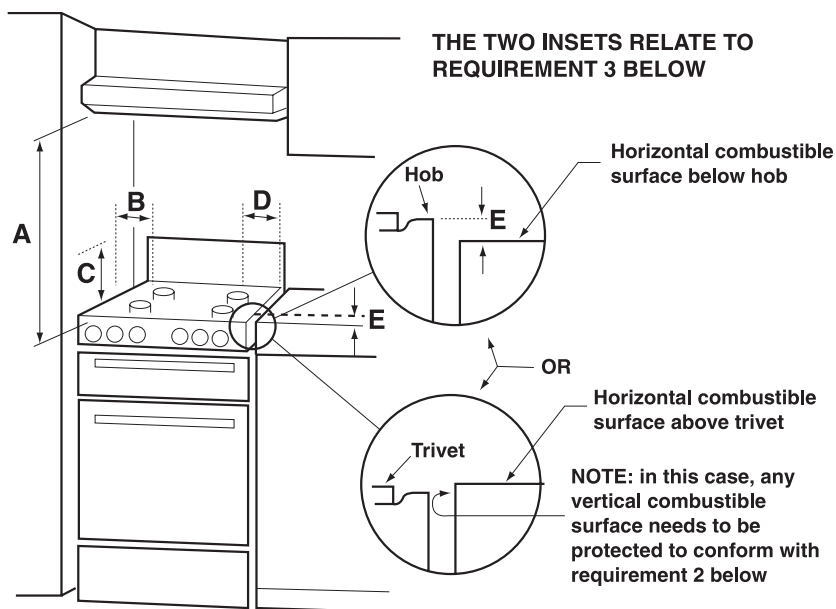
Overall dimensions: location of gas and electrical connection points (all measures in mm).



	60 cm hob	90 cm hob
A	35	105
B	65	50
C	30	50
D	80	75

3.2 Clearances above and around domestic appliances

Extract from AS5601



Instructions for the Installer



REQUIREMENTS

1. Overhead clearances – (Measurement **A**)

Range hoods and exhaust fans shall be installed in accordance with the manufacturer's instructions. However, in no case shall the clearance between the highest part of the hob of the cooking appliance and a range hood be less than **600 mm** or, for an overhead exhaust fan, **750 mm**.

Any other downward facing combustible surface less than **600 mm** above the highest part of the hob shall be protected for the full width and depth of the cooking surface area in accordance with Clause 5.12.1.2. However, in no case shall this clearance to any surface be less than **450 mm**.

2. Side clearances – (Measurements **B & C**)

Where **B**, measured from the periphery of the nearest burner to any vertical combustible surface, is less than **200 mm**, the surface shall be protected in accordance with Clause 5.12.1.2 to a height **C** of not less than **150 mm** above the hob for the full dimension (width or depth) of the cooking surface area. Where the cooking appliance is fitted with a 'splashback', protection of the rear wall is not required.

3. Additional requirements for Freestanding and Elevated Cooking

Appliances – (Measurements **D & E**)

Where **D**, the distance from the periphery of the nearest burner to a horizontal combustible surface is less than **200 mm**, then **E** shall be **10 mm** or more, or the horizontal surface shall be above the trivet. See insets above.



Instructions for the Installer

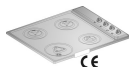
NOTES

1. Requirement 3 does not apply to a freestanding or elevated cooking appliance which is designed to prevent flames or the cooking vessels from extending beyond the periphery of the appliance.
2. The 'cooking surface area' is defined as that part of the appliance
3. where cooking normally takes place and does not include those parts of the appliance containing control knobs.
4. For definition of hob, see Clause 1.4.64.
5. For definition of trivet, see Clause 1.4.109.
6. Consideration is to be given to window treatments when located near cooking appliances. See Clause 5.3.4.

Instructions for the Installer



4 ELECTRICAL CONNECTION



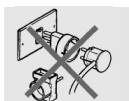
Make sure that the voltage and capacity of the power line conform to the data shown on the plate located under the casing. Do not remove this plate for any reason.



The plug on the end of the supply cable and the wall socket must be the same type and conform to the current electrical system regulations. Check that the power line is adequately grounded.



On the power line, install an omnipolar cut-off device with contact cut-off distance greater than or equal to 3 mm, located in an easily accessible position near the unit.



Do not use reducers, adapters or shunts.

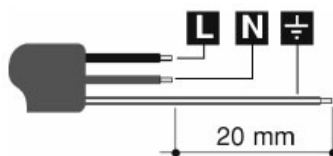


If the power cable is replaced, the wire section on the new cable must not be less than 1 mm² (3 x 1 cable), keeping in mind that the end to be connected to the hob must have the ground wire (yellow-green) longer by at least 20 mm. Use only H05V2V2-F cable or similar which has a maximum temperature of 90°C. Any replacement needed should be carried out by a specialised technician who should make the mains connections according to the following diagram.

L = brown

N = blue

 = yellow-green



The manufacturer will not be liable for any damage to persons or property caused by non-observance of the above instructions or deriving from the tampering of even a single part of the hob.



Instructions for the Installer

5 GAS CONNECTION

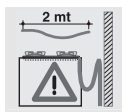
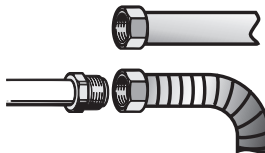
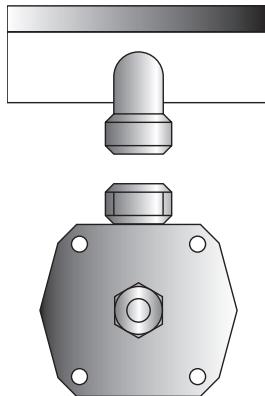
This appliance is suitable for installation with Natural Gas or ULPG (propane/butane). Refer to page 12 for the relevant burner pressure and appropriate injector sizes. When the appliance is to be connected to Natural Gas then the pressure regulator supplied must be fitted to the gas inlet. A test point (for checking the gas pressure) is supplied either with the regulator or as a separate fitting in the case of ULPG (propane/butane) appliances.

Connection of the appliance to the gas supply must be in accordance with the requirements of AS5601. A ½" BSP connector at the inlet is recommended and the gas supply line to the appliance must be of adequate length to allow sufficient withdrawal of appliance for service or disconnection and be:

1. annealed copper pipe or;
2. flexible hose according to AS/NZ1869 & be at least Class "B", 10 mm diameter.

The appliance must be installed with provision to allow the gas to be turned off and disconnected for servicing and removal of the appliance as required from the gas supply. Before the appliance is operated make certain all relevant parts are placed in the correct position. When the installation is completed the installation connections of appliance will require to be leak tested, the burner operating pressure and flame checked and adjusted. Warranty service calls do not cover these adjustments! To check the operating pressure of the appliance it is recommended at least 2 large size burners are used. Ensure appliance is secured to wall when installation is completed. N.G. The regulator supplied must be fitted to the ½ BSP thread at the rear of the appliance. An approved manual shut-off valve must be installed. The N.G. regulator must be checked and adjusted to 1.0kPa after installation.

U.L.P.G. Can be connected to the inlet fitting directly. The pressure must be checked to ensure it is operating at 2.75kPa. A separate test point fitting must be installed between the piping & the appliance for the pressure to be checked to ensure it is operating at 2.75kPa.



Installation with the flexible hose must be carried out so that the length of the piping does not exceed 2 metres fully extended; make sure that the hoses do not come into contact with moving parts and that they are not crushed in any way.

Instructions for the Installer



5.1 Connection to liquid gas



Use a pressure regulator and make the connection on the gas cylinder following the guidelines established by the regulations in force. Make sure that the feed pressure complies with the values indicated in the table at point “5.3 Burner and nozzle characteristics table”.

5.2 Room ventilation



Caution – This hob may only be installed and operated in rooms permanently ventilated in accordance with current regulations. For proper operation of a gas appliance it is essential for the air necessary for combustion of the gas to be able to flow naturally into the room. Air must flow directly into the room through openings in its outside walls. This (these) opening (s) must have a free passage cross-section of at least 100 cm², or 200 cm² for appliances not equipped with gas safety device. These openings must be constructed so that they cannot be obstructed indoors or outdoors, and should preferably be close to the floor on the side opposite to the combustion gas discharge point. If it is not possible to make the openings in the room where the cooker is installed, the necessary air may be taken from an adjoining room, provided it is not a bedroom or a room with fire risk.

5.3 Combustion discharge



Combustion gases may be discharged by means of hoods connected to a flue with reliable natural draught, or a fan extraction system. An effective extraction system requires careful design by an authorised specialist, and must comply with the regulation distances and positions. After installation, the engineer must issue a certificate of compliance.



Instructions for the Installer

6 ADAPTATION TO DIFFERENT TYPES OF GAS



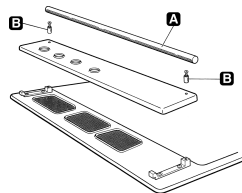
Before performing any cleaning or maintenance work, disconnect the appliance from the electrical socket.

The hob has been adjusted for natural gas at a pressure of 1.0 kPa. For functioning with other types of gas the nozzles must be replaced and the primary air adjusted.

To replace the nozzles and regulate the burners, you have to remove the top as described in the following paragraph.

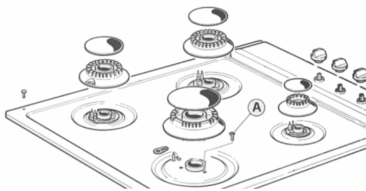
6.1 Removing the separable control panel (models with separable control panel)

1. Remove the knobs and the knob guard tube "A" by pulling them up;
2. Use a crosshead screwdriver to remove the screws and the two cylindrical supports "B";
3. Raise the left-hand side of the control panel slightly and shift it to the right to remove it completely;
4. In models with electric hotplate, the body of the pilot light has to be removed to free the control panel;



6.2 Removing the hob (models with integrated control panel)

1. Remove the knobs, the griddles, the burner caps, the flame caps and the two rear plugs;
2. Remove the screws "A" which fix the burner supports;
3. Raise the hob, sliding it off the ignition plugs and/or the thermocouples and the gas tap rods;



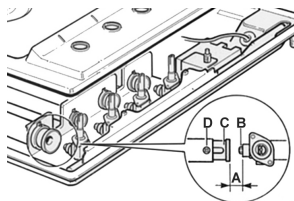
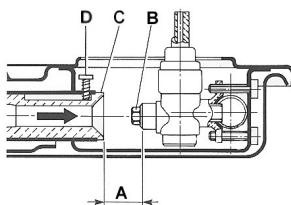
Instructions for the Installer



6.3 Adjustment for ULPG

Check that the connection has been made as described in the “Gas connection” section.

Undo the screw “D” and push the air regulator “C” fully down. Use a spanner to remove the nozzles “B” and fit those of suitable type following the instructions given in the tables for bottled gas ULPG 2.75 kPa. The nozzle must not be tightened to a torque of over 3 Nm.



Burner	ULPG – 2.75 kPa	
	Nominal gas consumption (MJ/h)	Injector (mm)
Auxiliary	4.8	0.60
Semi rapid	5.9	0.65
Rapid	8.6	0.78
Rapid Large	9.5	0.85
Fish Pan	9.5	0.85
Wok	15.0	1.05



Instructions for the Installer

6.4 Regulation for natural gas

The hob has been adjusted for natural gas at a pressure of 1.0kPa.

To allow the unit to work back with this type of gas, after it has been adjusted for ULPG, perform the same operations described in paragraph “5.3 Adjustment for ULPG”, but refer to the following table for the proper injectors.

Burner	NG – 1.0 kPa	
	Nominal gas consumption (MJ/h)	Injector (mm)
Auxiliary	4.8	0.98
Semi rapid	5.9	1.10
Rapid	8.6	1.25
Rapid Large	11.4	1.50
Fish Pan	11.4	1.50
Wok	15.0	1.70

Instructions for the Installer

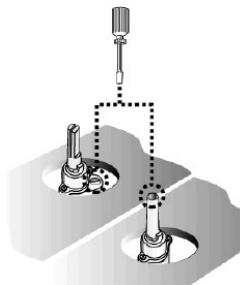


7 FINAL OPERATIONS

Having carried out the above adjustments, reassemble the appliance following, backwards, the instructions in paragraph “5.1 Removing the separable control panel / 5.2 Removing the hob”.

7.1 Regulation of minimum for natural gas

Light the burner and take it to the minimum .
Remove the gas tap knob and turn the adjustment screw at the side of the tap shaft until there is a regular minimum flame. Replace the knob and check burner flame stability: (rapidly turning the knob from maximum to minimum position, the flame should not go out). Repeat the operation on all the gas taps.





Instructions for the Installer

7.2 Arrangement of the burners on the hob (Hob with separable control panel)

60 cm. hob



BURNERS

1. Auxiliary
2. Semirapid r
3. Semirapid l
4. Rapid large
5. Wok

90 cm. hob



BURNERS

1. Auxiliary
2. Semirapid
3. Rapid
4. Fish burner
5. Wok

Instructions for the Installer



7.3 Arrangement of the burners on the hob (Hob with built-in control panel).

60 cm. hob



BURNERS

1. Auxiliary
2. Semirapid r
3. Semirapid l
4. Rapid
5. Wok

7.4 Lubrication of gas taps



With time it may happen that the gas taps get blocked and hard to turn. Clean them inside and re-grease them. **This operation must be done by an authorised person.**



Instructions for the user

8 USING THE HOB

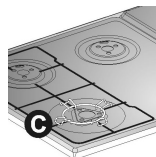
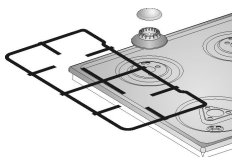
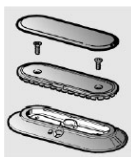
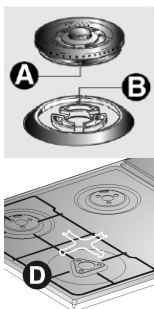


Before turning on the burners, make sure that the burner rings, caps and grids have been fitted correctly.

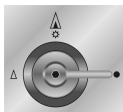
*In the ultrarapid burner, notch **A** must be aligned with pin **B**.*


*Grid **C** provided is intended for use with woks (Chinese pans).*

*Adapter **D** comes only with open grids models and is intended for use with small sized vessels.*



8.1 Ignition of the burners



The device is fit with electronic ignition. Simply press and simultaneously turn the knob counter-clockwise on the low point flame symbol, until the burner is ignited. In models with safety valve, the knob has to be turned to the ignition symbol  before it is pressed, and after ignition the knob has to be kept pressed for about 2 seconds to keep the flame lit and to activate the safety device.

The burner might go off when the knob is released. In this case repeat the aforesaid operation keeping the knob pressed for more than 2 seconds.



Should the burners go off accidentally in the models with valves, a safety device will trip after approximately 20 seconds to block the gas outlet even if the cock is open.

8.2 Practical advice for using the burners

For better burner performance and minimum gas consumption, flat bottomed, even pans must be used, with covers and proportional in size to the burners (see paragraph “7.3 Diameter of the pans”).

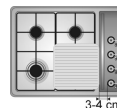


To avoid overcooking or damage to the surface top

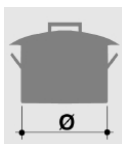
Instructions for the user



while cooking, all pans or griddles must be positioned within the cooking hob perimeter and must be a minimum distance of **3-4 cm** from the knobs.



8.3 Diameter of the pans

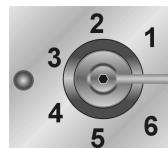


Burners	Ø min. and max. (en cm.)
Auxiliary	12-14
Semirapid	16-20
Rapid medio	22-26
Rapid large	22-26
Ultrarapid	22-26
Fish burner	Special oval-shaped vessels

8.4 Electric elements

8.4.1 Turning on electric elements

Hobs may be fitted with an electric element of varying diameter. The electric element is controlled by a switch and is turned on by rotating the appropriate knob to the desired position.



8.4.2 Using the electric elements

The settings shown in the table are merely indicative.

POSITION	HEAT INTENSITY	POSSIBLE COOKING
0	Off	
1	Wreak	To melt butter, chocolate, etc. To heat small amounts of liquid.
2	Soft	To heat larger amounts of liquid.
3	Slow	To defrost frozen food and prepare stews, cooking at or just below boiling point.

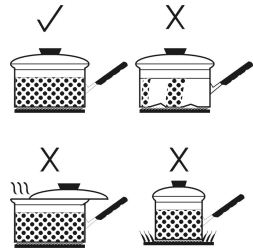


Instructions for the user

4	Medium	To cook food which has to reach boiling point, to roast delicate meat or fish.
5	Strong	For roasts, steaks and large boiled joints.
6	Very strong	To boil large amounts of water, to fry.

WARNING

When switching on the electric element for the first time, or if the electric element has not been used for a long time, to remove any humidity from the insulating material it should be dried out by placing the electric element on position 1 for 30 minutes.



To use correctly remember to:

- Switch the electric element only after having placed the pan on it.
- Use flat and thick bottomed pans.
- Never use pans which are smaller than the electric element.
- Dry the bottom of the pan before placing it on the electric element.
- When cooking with flammable oils and fats, never leave the appliance.
- The electric elements will stay hot for a long time after use: do not touch them or place any objects on them.
- If any dents appear in the electric element surface, switch it off immediately and contact the nearest authorised servicing centre.
- Never place sheets of aluminium foil directly on the surface of the hotplate.

Instructions for the user



9 CLEANING AND MAINTENANCE

Never use a steam jet to clean the appliance.



Before any intervention, disconnect the power supply of the device.



9.1 Cleaning

Clean the cooking top regularly every time you use it, obviously after it has cooled.



9.1.1 Regular daily cleaning of the hob

In order to clean and preserve the surface, always use specific products only, which do not contain abrasive substances or chlorine-based acid substances.

How to use: pour the product on a damp cloth and wipe the surface, rinse thoroughly and dry with a soft cloth or deerskin.

9.1.2 Food stains or residues

Do not use metallic sponges or sharp scrapers: they will damage the surface.

Use normal non-abrasive products and remove spots or residuals with non-scratch sponges or, if need be, with wood or plastic utensils.

Rinse thoroughly and dry with a soft cloth or deerskin.





Instructions for the user

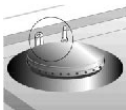
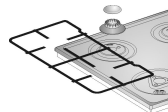


9.2 Cleaning of cooking hob components

CAUTION: do not wash these components in a dishwasher.

In normal use of the hob, the stainless steel burner caps and pan-stands tend to be burnished by the high temperature. Clean these parts using very fine abrasive sponges or similar commercial products. Then use a specific paste polish to restore the steel's shine. Your local authorised after-sales technician is able to supply professional products for appliance cleaning and care.

Grids, caps, flame cap crowns and burners can be removed for ease of cleaning. Wash them in warm water using a non-abrasive detergent, taking care to remove all tough spots. Before remounting, allow the components to fully dry out. In fact, humidity residues inside the burner holes might impair burner operation.

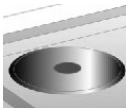


9.2.1 Ignition plugs and safety devices

For good functioning of the lighting ignition plugs and the safety devices, keep them very clean.

Check frequently and clean with a damp cloth when necessary.

9.2.2 The electric element



After use, to make sure that the surfaces are clean and long lasting, the electric element must be treated with specific cleaning products which are available on the market. This necessary operation prevents oxidation (rust formation).

9.2.3 The cover

Clean the glass or steel cover, where mounted, with warm water. Never use abrasive sponges or detergents.

Never lower the cover when burners or electric elements are on or still hot.



Attention: the glass lid may break if overheated. Make sure that all the burners are switched off and let them cool down before lowering the lid.

Instructions for the user



9.2.4 Preventive maintenance

This appliance does not need any special maintenance. However, a few simple operations have to be carried out periodically to prevent malfunctioning:

Burners: the burners must be cleaned periodically to ensure correct combustion; make sure that all the openings and flame ports are clean and free of obstacles, and that the burners rest firmly on their supports.

Gas connection: the gas connection must be checked periodically.

Flexible pipes: if a flexible pipe is used, it must be inspected periodically (once a year) for leakages: if the surface of the pipe appears rigid and cracked, disconnect immediately the cooker from the gas supply and replace the pipe with a new one.

Valves: if the gas valves get stuck or hard to turn, they need to be cleaned and re-greased; this operation must be carried out by an authorised person.



Instructions for the user

9.3 PROBLEMS AND CAUSES

Each of the following cases is caused by an abnormal operation of the appliance and should be dealt with by a authorised persons: please contact your local dealer or Service Center in case you detect any of these malfunctioning.

PROBLEM	CAUSE	WHAT TO DO
The flame is very long with bright yellow tips. Black deposits on the bottom of the pans.	Defect of comburent air or incorrect injectors. Burner dirty or flame ports obstructed.	Clean the burner. Call Service Center if the problem remains.
The flame is very short and noisy. The flame moves away from the burner ports.	Excess of comburent air.	Call Service Center.
The flame extinguishes when the burner knob is set to the low flame position.	Incorrect adjustment of the minimum heat input or excess of comburent air.	Call Service Center.
The valve knob is hard to rotate.	Gas valve worn out or needs lubrication.	Call Service Center.

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ORIGINAL INSTRUCTIONS

We advise you to read this manual carefully, which contains all the instructions for maintaining the appliance's aesthetic and functional qualities.

For further information on the product: www.smeg.com



Instructions

1 Instructions

1.1 General safety instructions

Risk of personal injury

- During use the appliance and its accessible parts become very hot. Never touch the heating elements during use.
- Protect your hands by wearing oven gloves when handling food inside the oven cavity.
- Never try to put out a fire or flames with water: turn off the appliance and smother the flames with a fire blanket or other appropriate cover.
- This appliance may be used by children aged at least 8 and by people of reduced physical, sensory or mental capacity, or lacking in experience in the use of electrical appliances, as long they are supervised or instructed by adults who are responsible for their safety.
- Children must not be allowed to play with the appliance.
- Keep children under eight years of age at a safe distance if they are not constantly supervised.
- Do not allow children younger than 8 years old to come near the appliance when in operation.
- The appliance must never be cleaned by unsupervised children.
- The cooking process must always be monitored. Short cooking processes must be monitored continuously.
- Never leave the appliance unattended during cooking operations in which fats or oils could be released that could overheat and catch fire. Be very careful.
- Do not insert pointed metal objects (cutlery or utensils) into the slots in the appliance.
- Do not pour water directly onto very hot trays.
- Keep the oven door closed during cooking.
- If you need to move food or at the end of cooking, open the door 5 cm for a few seconds, let the steam come out, then open it fully.
- **DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THE APPLIANCE.**



- DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.
- Switch the appliance off immediately after use.
- DO NOT MODIFY THIS APPLIANCE.
- Always use any necessary/required personal protective equipment (PPE) before performing any work on the appliance (installation, maintenance, positioning or movement).
- Disconnect the main power supply before performing any work on the appliance.
- Have authorised personnel carry out installation and assistance interventions according to the standards in force.
- Do not try to repair the appliance yourself or without the intervention of a authorised technician.
- Do not pull the cable to remove the plug.
- If the power supply cable is damaged, contact technical support immediately and they will replace it.

Risk of damaging the appliance

- Do not use abrasive or corrosive detergents (e.g. scouring powders, stain removers and metallic sponges) on glass parts. Use wooden or plastic utensils.
- Racks and trays must be inserted as far as they will go into the side guides. The mechanical safety locks that prevent them from being removed must face downwards and towards the back of the oven cavity.
- Do not seat on the appliance.
- Do not use steam jets for cleaning the appliance.
- Do not obstruct ventilation openings and heat dispersal slots.
- DO NOT USE THE APPLIANCE TO HEAT ROOMS FOR ANY REASON.
- Do not spray any spray products near the oven.
- Do not use plastic kitchenware or containers when cooking food.
- Do not put sealed tins or containers in the oven.
- Remove all trays and racks which are not required during cooking.
- Do not cover the bottom of the oven cavity with aluminium or tin foil sheets.



Instructions

- Do not place pans or trays directly on the bottom of the oven cavity.
- If you wish to use greaseproof paper, place it so that it will not interfere with the hot air circulation inside the oven.
- Do not use the open door to rest pans or trays on the internal glass pane.
- Do not use cleaning products containing chlorine, ammonia or bleach on steel parts or parts with metallic surface finishes (e.g. anodizing, nickel- or chromium-plating).
- Do not use rough or abrasive materials or sharp metal scrapers.
- When positioning the appliance during installation, do not use the door handle to lift up or move this appliance.
- Avoid exerting too much pressure on the oven door when open.
- In order to avoid overheating the appliance must not be installed behind a decorative door or panel
- Have authorised persons carry out installation and assistance interventions according to the standards in force.
- Have the electrical connection performed by authorised persons.
- The appliance must be connected to earth in compliance with electrical system safety standards.

Installation

- **THIS APPLIANCE IS NOT TO BE INSTALLED IN MARINE CRAFT OR IN CARAVANS.**
- The appliance must not be installed on a pedestal.
- Place the appliance into the piece of furniture with the aid of a second person.
- Never use the oven door to lever the appliance into place when fitting.
- Use cables withstanding a temperature of at least 90 °C.
- The tightening torque of the screws of the terminal supply wires must be 1.5 - 2 Nm.
- Before carrying out any work on the appliance (installation, maintenance, positioning or moving), wear personal protective equipment.
- Before carrying out any work on the appliance, disconnect the mains power supply.



For this appliance

- Ensure that the appliance is switched off before replacing the bulb.
- Do not rest any weight or sit on the open door of the appliance.
- Take care that no objects are stuck in the doors.

1.2 Appliance purpose

- This appliance is intended for cooking food in the home environment. Every other use is considered improper.
- The appliance is not designed to operate with external timers or with remote-control systems.

1.3 Manufacturer liability

The manufacturer declines all liability for damage to persons or property caused by:

- use of the appliance other than the one envisaged;
- failure to comply with the instructions in the user manual;
- tampering with any part of the appliance;
- the use of non-original spare parts.

1.4 Manufacturer liability

The manufacturer declines all liability for damage to persons or property caused by:

- use of the appliance other than the one envisaged;
- non-observance of the user manual provisions;
- tampering with any part of the appliance;
- use of non-original spare parts.

1.5 This user manual

This user manual is an integral part of the appliance and must therefore be kept in its entirety and in an accessible place for the whole working life of the appliance. Read this user manual carefully before using the appliance.

1.6 Identification plate

- The identification plate bears the technical data, serial number and brand name of the appliance. Do not remove the identification plate for any reason.



Instructions

1.7 Disposal

To dispose of the appliance:

- Cut the power supply cable and remove it along with the plug.



Power voltage

Danger of electrocution

- Disconnect the main power supply.
- Disconnect the power cable from the electrical system.
- Consign the appliance to the appropriate selective collection centres for electrical and electronic equipment waste, or deliver it back to the retailer when purchasing an equivalent product, on a one for one basis.

Our appliances are packed in non-polluting and recyclable materials.

- Consign the packing materials to the appropriate selective collection centres.



Plastic packaging

Danger of suffocation

- Do not leave the packaging or any part of it unattended.
- Do not let children play with the packaging plastic bags.

1.8 How to read the user manual

This user manual uses the following reading conventions:

Instructions



General information on this user manual, on safety and final disposal.

Description



Description of the appliance and its accessories.

Use



Information on the use of the appliance and its accessories, cooking advice.

Cleaning and maintenance



Information for proper cleaning and maintenance of the appliance.

Installation



Information for authorised persons: installation, operation and inspection.



Safety instructions



Information



Advice

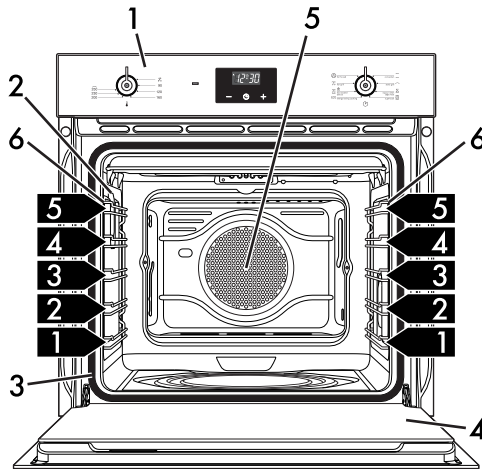
1. Sequence of instructions for use.

- Standalone instruction.



2 Description

2.1 General Description



1 Control panel

2 Oven light

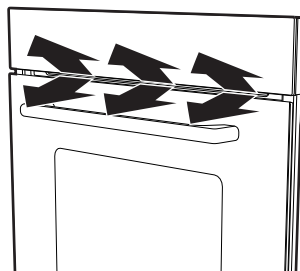
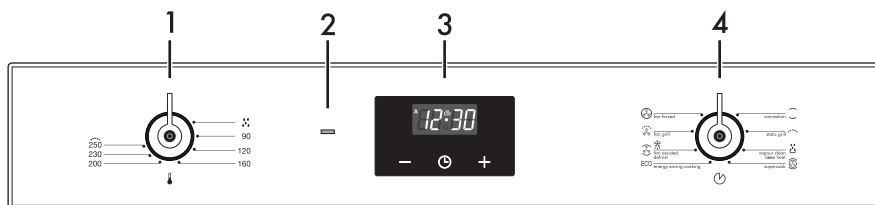
3 Seal

4 Door

5 Fan

6 Rack/tray support frames

1,2,3... Frame shelf





Interior lighting

The appliance's interior lighting comes on:

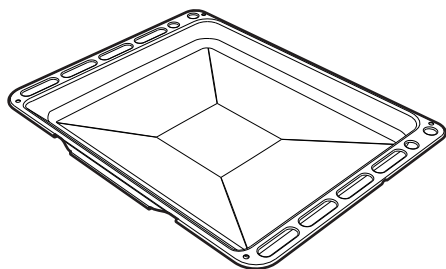
- When the door is opened.
- When any function is selected.



When the door is open, it is not possible to turn off the interior lighting.

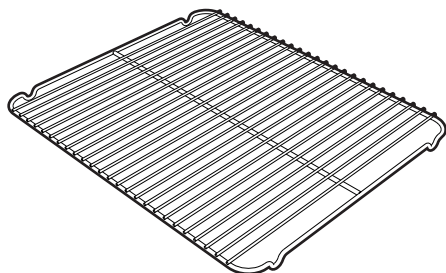
2.4 Available accessories

Tray



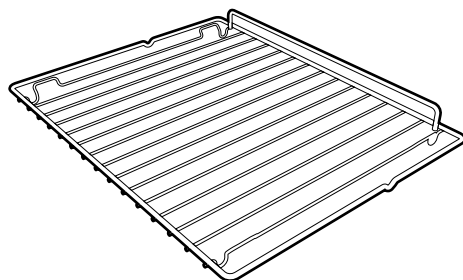
Useful for collecting fat from foods placed on the rack above and for cooking pies, pizzas and baked desserts.

Tray rack



To be placed over the top of the oven tray; for cooking foods which may drip.

Rack



Used for supporting containers with food during cooking.



Some models are not provided with all accessories.



The oven accessories intended to come into contact with food are made of materials that comply with the provisions of current legislation.



Original supplied and optional accessories can be requested to Authorised Assistance Centres. Use only original accessories supplied by the manufacturer.



3 Use

3.1 Instructions



High temperature inside the oven during use

Danger of burns

- Keep the oven door closed during cooking.
- Protect your hands wearing heat resistant gloves when moving food inside the oven.
- Do not touch the heating elements inside the oven.
- Do not pour water directly onto very hot trays.
- Do not allow children to get near the oven when it is in operation.



High temperature inside the oven during use

Danger of fire or explosion

- Do not spray any spray products near the oven.
- Do not use or leave flammable materials near the oven.
- Do not use plastic kitchenware or containers when cooking food.
- Do not put sealed tins or containers in the oven.
- Do not leave the oven unattended during cooking operations where fats or oils could be released.
- Remove all trays and racks which are not required during cooking.



Improper use

Risk of damage to enamelled surfaces

- Do not cover the bottom of the oven cavity with aluminium or tin foil sheets.
- If you wish to use greaseproof paper, place it so that it will not interfere with the hot air circulation inside the oven.
- Do not place pans or trays directly on the bottom of the oven cavity.
- Do not pour water directly onto very hot trays.

3.2 First use

1. Remove any protective film from the outside or inside of the appliance, including accessories.
2. Remove any labels (apart from the technical data plate) from the accessories and from the oven cavity.
3. Remove and wash all the appliance accessories (see 4 Cleaning and maintenance).
4. Heat the empty oven at the maximum temperature to burn off any residues left by the manufacturing process.

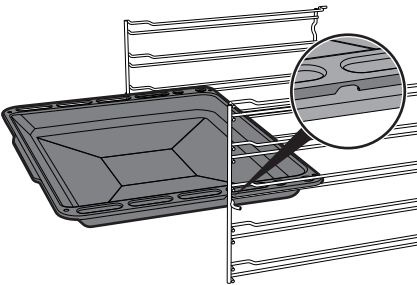
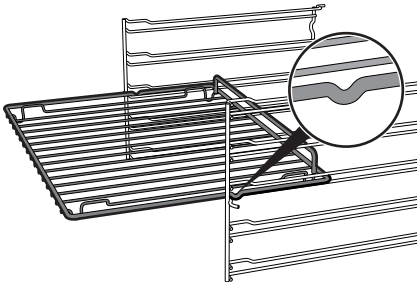


3.3 Using the accessories

Racks and trays

Racks and trays have to be inserted into the side guides until they come to a complete stop.

- The mechanical safety locks that prevent the rack from being removed accidentally must face downwards and towards the back of the oven cavity.



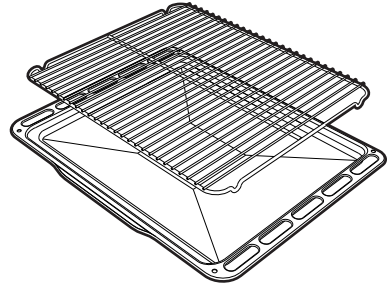
Carefully insert the racks and trays as far as they will go into the oven cavity.



Clean the trays before using them for the first time to remove any residues left by the manufacturing process.

Tray rack

The tray rack has to be inserted into the tray. In this way, fat can be collected separately from the food that is being cooked.



3.4 Using the oven

Switching on the oven


To switch on the oven:

- Select the cooking function using the function knob.
- Select the temperature using the temperature knob.



Regular flashing of the thermostat indicator light during cooking is normal and indicates that the temperature is being maintained constant inside the oven.



Ensure that the programmer clock shows the cooking duration symbol , otherwise it will not be possible to turn on the oven.

Press the key  to reset the programmer clock.



Use

Functions list



Convection

As the heat comes from above and below at the same time, this system is particularly suitable for certain types of food. Traditional cooking, also known as static cooking, is suitable for cooking just one dish at a time. Perfect for all types of roasts, bread and cakes and in any case particularly suitable for fatty meats such as goose and duck.



Static grill

The heat coming from the grill element gives perfect grilling results above all for thin and medium thickness meat and in combination with the rotisserie (where fitted) gives the food an even browning at the end of cooking. Perfect for sausages, spare ribs and bacon. This function enables large quantities of food, particularly meat, to be grilled evenly.



Base heat

The heat coming just from the bottom allows you to complete the cooking of foods that require a higher bottom temperature, without affecting their browning. Perfect for cakes, pies, tarts and pizzas.



Supercook

The combination of fan assisted cooking and traditional cooking allows different foods to be cooked on several levels extremely quickly and efficiently, without odours and flavours mingling. Perfect for large volumes that call for intense cooking. (For multiple-level cooking, we recommend using the 1st and 4th shelves.)



ECO (Energy-saving cooking)

This low energy consumption function is particularly suitable for cooking on a single shelf.

Ideal when cooking meat, fish and vegetables. It is not recommended for foods that require proving.

For greater energy savings and to reduce the time required, it is recommended to put foods in the oven cavity without preheating it.



When using the ECO function, avoid opening the oven door during cooking.



When using the ECO function, cooking times (and pre-heating, if used) are longer.

**Fan assisted**

The operation of the fan, combined with traditional cooking, ensures consistent cooking even with complex recipes. Perfect for biscuits and cakes, even when simultaneously cooked on several levels. (For multiple-level cooking, we recommend using the 2nd and 4th shelf).

**Fan grill**

The air produced by the fan softens the strong heatwave generated by the grill, grilling perfectly even very thick foods. Perfect for large cuts of meat (e.g. pork hock).

**Fan forced**

The combination of the fan and the circular heating element (incorporated in the rear of the oven) allows you to cook different foods on several levels, as long as they need the same temperatures and same type of cooking. Hot air circulation ensures instant and even distribution of heat. It will be possible, for instance, to cook fish, vegetables and biscuits simultaneously (on different levels) without odours and flavours mingling.

**Defrost**

Rapid defrost is helped by the activation of a fan to ensure uniform distribution of room temperature air inside the oven. Perfect for any type of food.

**Vapour Clean**

This function makes cleaning easier using the steam produced by a small quantity of water poured into a tray on the first shelf level.



3.5 Cooking advice

General advice

- Use a fan assisted function to achieve consistent cooking at several levels.
- It is not possible to shorten cooking times by increasing the temperature (the food could be overcooked on the outside and undercooked on the inside).


Advice for cooking meat

- Cooking times vary according to the thickness and quality of the food and to consumer taste.
- Use a meat thermometer when roasting meat, or simply press on the roast with a spoon. If it is hard, it is ready; If not, it needs another few minutes cooking.



Use

Advice for cooking with the Grill and the Fan grill

- Meat can be grilled even when it is put into the cold oven or into the preheated oven if you wish to change the effect of the cooking.
- With the Fan grill function, we recommend that you preheat the oven before grilling.
- We recommend placing the food at the centre of the rack.
- With the Grill function, we recommend that you turn the temperature knob to the maximum value near the  symbol to optimise cooking.

Advice for cooking desserts/pastries and biscuits

- Use dark metal moulds: They help to absorb the heat better.
- The temperature and the cooking time depend on the quality and consistency of the dough.
- To check whether the dessert is cooked right through: At the end of the cooking time, put a toothpick into the highest point of the dessert. If the dough does not stick to the toothpick, the dessert is cooked.
- If the dessert collapses when it comes out of the oven, on the next occasion reduce the set temperature by about 10°C, selecting a longer cooking time if necessary.

Advice for defrosting and proving

- Place frozen foods without their packaging in a lidless container on the first shelf of the oven.
- Avoid overlapping the food.
- To defrost meat, use the rack placed on the second level and a tray on the first level. In this way, the liquid from the defrosting food drains away from the food.
- The most delicate parts can be covered with aluminium foil.
- For successful proving, a container of water should be placed in the bottom of the oven.


To save energy

- Stop cooking a few minutes before the time normally used. Cooking will continue for the remaining minutes with the heat which has accumulated inside the oven.
- Reduce any opening of the door to a minimum to avoid heat dispersal.
- Keep the inside of the appliance clean at all times.







3.6 "Touch" Programmer clock




 Value decrease key


 Clock key





 Value increase key




 Ensure that the programmer clock shows the cooking duration symbol , otherwise it will not be possible to turn on the oven. Press the key  to reset the programmer clock.

Setting the time

 If the time is not set, the oven will not switch on.

On the first use, or after a power failure, the digits  will be flashing on the appliance's display.

1. Hold down the clock key  for two seconds. The dot between the hours and the minutes flashes.
2. The time can be set via the value increase key  and value decrease key . Keep the key pressed in to increase or decrease rapidly.
3. Wait 7 seconds. The dot between the hours and the minutes stops flashing.
4. The symbol  on the display indicates that the appliance is ready to start cooking.










 To change the time, hold down the value increase key  and value decrease key  at the same time for two seconds, then set the time.






Timed cooking



Timed cooking is the function which allows a cooking operation to be started and then ended after a specific length of time set by the user.

1. Keep the clock key  pressed until the symbol  appears.
1. Press the clock key  again. On the display the symbol  and the text  appear, alternating with the current time.
2. Use the value increase  and value decrease  keys to set the required minutes of cooking.
3. Select a function and a cooking temperature.
4. Wait approx. 5 seconds without pressing any key in order for the function to activate. The current time and the symbols  and  will appear on the display.



At the end of cooking the heating elements will be deactivated. On the display, the symbol  turns off, the symbol  flashes and the buzzer sounds.

5. To turn the buzzer off, simply press one of the programmer clock keys.
6. Press the clock key  to reset the programmer clock.



It is not possible to set a cooking time of more than 10 hours.














To cancel the set programming press and hold down the value increase  and the value decrease  keys at the same time and then turn the oven off manually.



Programmed cooking










Programmed cooking is the function which allows a cooking operation to be started at a set time and then ended after a specific length of time set by the user.

1. Set the cooking time as described in the previous point "Timed cooking".
2. Hold the menu key  down for 2 seconds.
3. Press the menu key  again. The display will show the digits  and the text  in sequence, while the  flashes (for example, the current time is 17:30)
4. Use the  or  key to set the required minutes (for example 1 hour)
5. Press the menu key . The text  will appear on the display in sequence with the pre-set cooking duration added to the current time (for example, the cooking end time shown is 18:30).
6. Press the  or  key to set the cooking end time. (for example, 19:30).



Bear in mind that a few minutes for oven preheating must be added to the cooking time.

7. Wait approx. 7 seconds without pressing any key in order for the function to activate. The current time will appear on the display, and the symbols  and  will turn off while the  indicator light comes on.
8. Select a cooking temperature and function.
9. At the end of cooking the heating elements will be deactivated. On the display, symbol  turns off, symbol  flashes and the buzzer sounds.
10. Return the function and temperature knobs to 0.
11. To turn off the buzzer just press any key of the programmer clock.
12. Press keys  and  at the same time to reset the set program.






It is not possible to set a cooking time of more than 10 hours.



It is not possible to set a programmed cooking time of more than 24 hours.



After setting, hold the menu key  down for 2 seconds to display the cooking time remaining. Press the menu key  again. The display shows the text  and the remaining cooking time in sequence.










Use

Minute minder timer




The minute minder timer does not stop the cooking operation but rather informs the user when the set time has run out.

The minute minder timer can be activated at any time.

1. Keep the clock key  pressed for a few seconds. The display shows the figures  and the symbol  flashing between the hours and minutes.
2. Use the value increase  and value decrease  keys to set the number of minutes required.
3. Wait approx. 5 seconds without pressing any key to finish setting the minute minder. The current time and the symbols  and  appear on the display.




A buzzer will sound when the set time is reached.

4. Press the value decrease key  to turn the buzzer off.






The minute minder timer can be set from 1 minute to a maximum of 23 hours and 59 minutes.

Modifying the set data





1. Press the clock key .
2. Use the value increase  and value decrease  keys to set the number of minutes required.

Deleting the set data

1. Press the clock key .
2. Hold down the value increase  and value decrease  keys at the same time.
3. Then switch off the oven manually if cooking is in progress.

Selecting the buzzer

The buzzer can have 3 tones.

1. Hold down the value increase  and value decrease  keys at the same time.
2. Press the clock key .
3. Press the value decrease key  to select a different buzzer tone.



Cooking information table

Food	Weight (Kg)	Function	Shelf	Temperature (°C)	Time (minutes)	
Lasagne	3 - 4	Convection	1	220 - 230	45 - 50	
Pasta bake	3 - 4	Convection	1	220 - 230	45 - 50	
Roast veal	2	Supercook/Fan Assisted	2	180 - 190	90 - 100	
Pork	2	Supercook/Fan Assisted	2	180 - 190	70 - 80	
Sausages	1.5	Fan grill	4	250	15	
Roast beef	1	Supercook/Fan Assisted	2	200	40 - 45	
Roast rabbit	1.5	Fan forced/Fan Assisted	2	180 - 190	70 - 80	
Turkey breast	3	Supercook/Fan Assisted	2	180 - 190	110 - 120	
Roast pork neck	2 - 3	Supercook/Fan Assisted	2	180 - 190	170 - 180	
Roast chicken	1.2	Supercook/Fan Assisted	2	180 - 190	65 - 70	
					1 st surface	2 nd surface
Pork chops	1.5	Fan grill	4	250	15	5
Spare ribs	1.5	Fan grill	4	250	10	10
Bacon	0.7	Grill	5	250	7	8
Pork fillet	1.5	Fan grill	4	250	10	5
Beef fillet	1	Grill	5	250	10	7
Salmon trout	1.2	Supercook/Fan Assisted	2	150 - 160	35 - 40	
Delicate fish	1.5	Supercook/Fan Assisted	2	160	60 - 65	
Flounder	1.5	Supercook/Fan Assisted	2	160	45 - 50	
Pizza	1	Supercook/Fan Assisted	2	280	8 - 9	
Bread	1	Fan forced/Fan Assisted	2	190 - 200	25 - 30	
Focaccia	1	Supercook/Fan Assisted	2	180 - 190	20 - 25	
Ring cake	1	Fan forced/Fan Assisted	2	160	55 - 60	
Tarts	1	Fan forced/Fan Assisted	2	160	35 - 40	
Ricotta cake	1	Fan forced/Fan Assisted	2	160 - 170	55 - 60	
Jam tarts	1	Supercook/Fan Assisted	2	160	20 - 25	
Paradise cake	1.2	Fan forced/Fan Assisted	2	160	55 - 60	
Profiteroles	1.2	Supercook/Fan Assisted	2	180	80 - 90	
Sponge cake	1	Fan forced/Fan Assisted	2	150 - 160	55 - 60	
Rice pudding	1	Supercook/Fan Assisted	2	160	55 - 60	
Brioche	0.6	Fan forced/Fan Assisted	2	160	30 - 35	

The times indicated in the table do not include preheating times and are provided as a guide only.



4 Cleaning and maintenance

4.1 Instructions



Improper use

Risk of damage to surfaces

- Do not use steam jets to clean the appliance.
- Do not use cleaning products containing chlorine, ammonia or bleach on steel parts or parts with metallic finishes on the surface (e.g. anodizing, nickel- or chromium-plating).
- Do not use abrasive or corrosive detergents on glass parts (e.g. powder products, stain removers and metallic sponges).
- Do not use rough or abrasive materials or sharp metal scrapers.

Ordinary daily cleaning

Always use only specific products that do not contain abrasives or chlorine-based acids.

Pour the product onto a damp cloth and wipe the surface, rinse thoroughly and dry with a soft cloth or a microfibre cloth.

Food stains or residues

Do not use steel sponges or sharp scrapers as they will damage the surfaces.

Use ordinary non-abrasive products with the aid of wooden or plastic utensils if necessary. Rinse thoroughly and dry with a soft cloth or a microfibre cloth.

Do not allow residues of sugary foods (such as jam) to set inside the oven. If left to set for too long, they might damage the enamel lining of the oven.

4.2 Cleaning the appliance

To keep the surfaces in good condition, they should be cleaned regularly after use. Let them cool first.



We recommend the use of cleaning products distributed by the manufacturer.



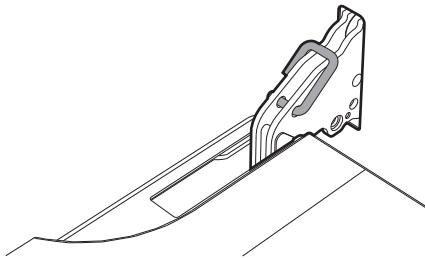
4.3 Cleaning the door

Removing the door

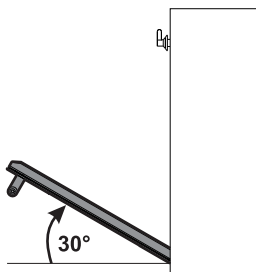
For easier cleaning, the door can be removed and placed on a canvas.

To remove the door proceed as follows:

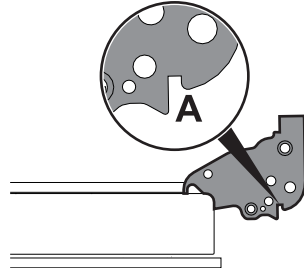
1. Open the door completely and insert two pins into the holes on the hinges indicated in the figure.



2. Grasp the door on both sides with both hands, lift it forming an angle of around 30° and remove it.



3. To reassemble the door, put the hinges in the relevant slots in the oven, making sure that grooved sections **A** are resting completely in the slots. Lower the door and once it is in place remove the pins from the holes in the hinges.



Cleaning the door glazing

The glass in the door should always be kept thoroughly clean. Use absorbent kitchen roll. In case of stubborn dirt, wash with a damp sponge and an ordinary detergent.



We recommend the use of cleaning products distributed by the manufacturer.

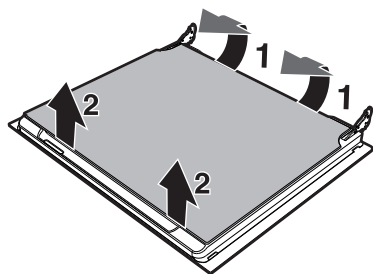


Cleaning and maintenance

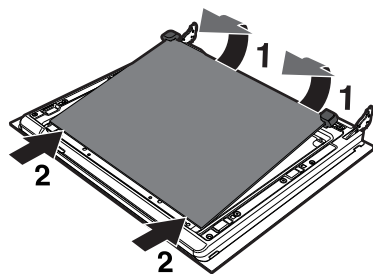
Removing the internal glass panels

For easier cleaning, the internal glass panels of the door can be removed.

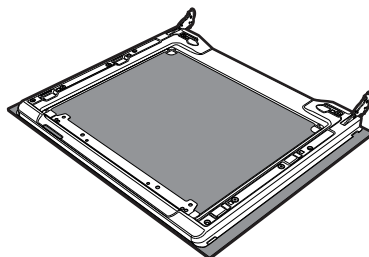
1. Remove the internal glass panel by pulling the rear part gently upwards, following the movement indicated by the arrows (1).
2. Then, pull the front part upwards (2). In this way, the 4 pins attached to the glass are released from their seats in the oven door.



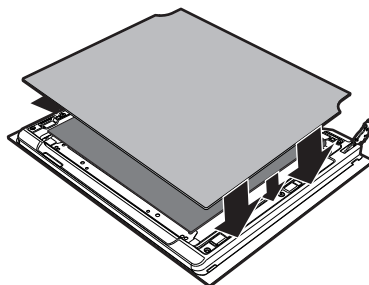
3. Some models have an intermediate glass panel. Remove the intermediate glass panel by lifting it upwards.



4. Clean the external glass panel and the panels removed previously. Use absorbent kitchen roll. In case of stubborn dirt, wash with a damp sponge and a neutral detergent.



5. Refit the panels in the reverse order in which they were removed.
6. Reposition the internal glass panel. Take care to centre and secure the 4 pins into their seats in the oven door by applying slight pressure.





4.4 Cleaning the inside of the oven

Advice for cleaning the oven cavity

In order to keep your oven in the best possible condition, clean it regularly after letting it cool down.

Do not allow food residues to dry inside the oven cavity because doing so could damage the enamel.

Before cleaning, remove all the parts that can be removed.

For easier cleaning, it is recommended to remove:

- The door;
- The rack/tray support frames;
- The seal.



The oven should be operated at the maximum temperature for about 15-20 minutes after the use of specific products, to burn off the residues left inside the oven.



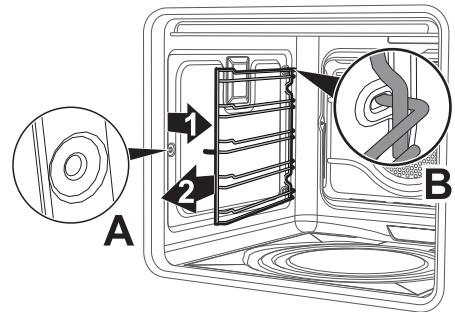
For easier cleaning, remove the door.

Removing rack/tray support frames

Removing the rack/tray support frames enables the sides to be cleaned more easily. This operation should be performed each time the automatic cleaning cycle is used (on some models only).

Removing the rack/tray support frames:

1. Pull the frame towards the inside of the oven cavity to unhook it from its groove **A**.
2. Then slide it out of the seats on the back **B**.
3. When cleaning is complete, repeat the above procedures to replace the rack/tray support frames.





Cleaning and maintenance

Vapour Clean: Assisted oven cleaning

i Vapour Clean is an assisted cleaning procedure which facilitates the removal of dirt. Thanks to this process, it is possible to clean the inside of the oven very easily. The dirt residues are softened by the heat and water vapour for easier removal afterwards.



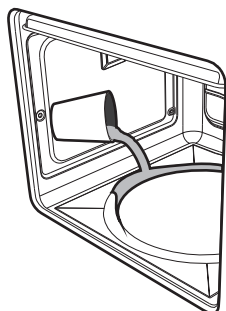
Improper use Risk of damage to surfaces

- Remove any food residues or large spills from previous cooking operations from the inside of the oven.
- Carry out assisted oven cleaning operations only when the oven is cold.

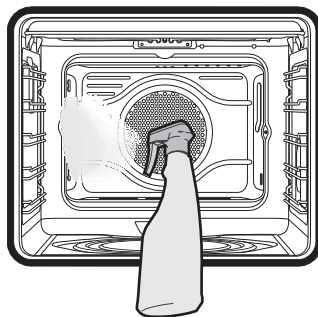
Preliminary operations

Before starting the Vapour Clean function:

- Completely remove all accessories from inside the oven. The upper guard can be left inside the oven.
- Pour approx. 40 cc of water onto the floor of the oven. Make sure it does not overflow out of the cavity.



- Spray a water and washing up liquid solution inside the oven using a spray nozzle. Direct the spray against the side walls, upwards, downwards and towards the deflector.





- Close the door.



We recommend spraying approx. 20 times at the most.

Vapour Clean cycle setting

1. Set a cooking time of 18 minutes using the programmer clock.
2. Turn the function knob to the symbol  and the temperature knob to the symbol .

The Vapour Clean cycle starts a few seconds after the last press on the programmer clock keys.

3. At the end of the Vapour Clean cycle, the timer will deactivate the oven heating elements, the buzzer will start to sound and the numbers on the programmer clock dial will flash.

End of the Vapour Clean cycle

1. Open the door and wipe away the less stubborn dirt with a microfibre cloth.
2. Use an anti-scratch sponge with brass filaments on tougher encrustations.
3. In case of grease residues use specific oven cleaning products.
4. Remove the water left inside the oven.

For improved hygiene and to avoid food being affected by any unpleasant odours, we recommend that the oven is dried using a fan assisted function at 160°C for approximately 10 minutes.



We recommend wearing rubber gloves for these operations.



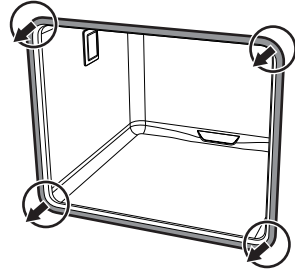
For easier manual cleaning of the parts difficult to reach, we recommend removing the door.

4.5 Extraordinary maintenance

Removing and installing the door seal

To remove the seal:

- Release the hooks in the 4 corners and pull the seal outwards.



To install the seal:

- Attach the hooks in the 4 corners of the seal.

Seal maintenance recommendations

The seals should be soft and flexible.

- To keep the seal clean, wash it using a non-abrasive sponge and lukewarm water.



Cleaning and maintenance

Replacing the internal light bulb



Live parts

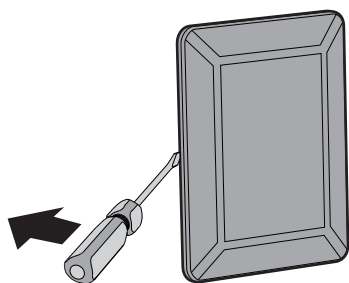
Danger of electrocution

- Unplug the appliance from the power supply.

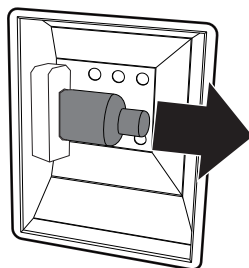
1. Completely remove all accessories from inside the oven.
2. Remove the rack/tray support frames.
3. Remove the bulb cover using a tool (e.g. a screwdriver).



Be careful not to scratch the enamel on the side of the oven.

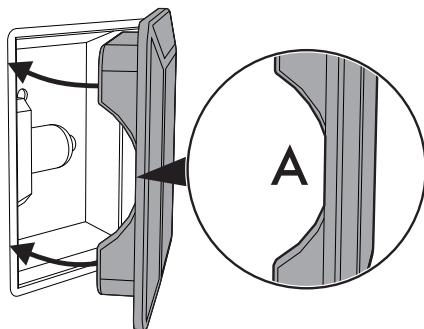


4. Slide the lamp out and remove it.



Do not touch the halogen lamp directly with your fingers, but hold it using insulating material.

5. Replace the lamp with one of the same type (40W).
6. Replace the bulb cover. Make sure that the inner shaped part of the glass (**A**) is facing the door.



7. Press the cover completely down so that it attaches perfectly to the bulb support.



5 Installation

5.1 Electrical connection



**Power voltage
Danger of electrocution**

- Have the electrical connection performed by authorised persons.
- The appliance must be connected to earth in compliance with electrical system safety standards.
- Disconnect the mains power supply.

General information

Check the grid characteristics against the data indicated on the plate.

The identification plate bearing the technical data, serial number and brand name is visibly positioned on the appliance.

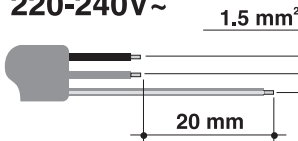
Do not remove this plate for any reason.

The appliance works at 220-240 V~.

Use a three-pole cable (3 x 1.5 mm² internal conductors).

Make the ground connection using a wire that is 20 mm longer than the other wires.

220-240V~



Fixed connection

Fit the power line with an omnipolar circuit breaker in compliance with installation regulations.

The circuit breaker should be located near the appliance and in an easily reachable position.

Connection with plug and socket

Make sure that the plug and socket are of the same type.

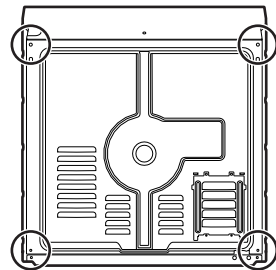
Avoid using adapters, gang sockets or extensions as these could cause overheating and a risk of burns.

Cable replacement



**Power voltage
Danger of electrocution**

- Disconnect the mains power supply.
1. Unscrew the rear casing screws and remove the casing in order to access the terminal board.



2. Replace the cable.
3. Make sure that the cables (for the oven or any cooktop) follow the best route in order to avoid any contact with the appliance.



Installation

5.2 Positioning



Heavy appliance
Crushing hazard

- Position the appliance into the cabinet cutout with the help of a second person.



Pressure on the open door
Risk of damage to the appliance

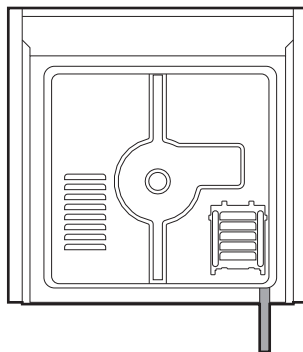
- Never use the oven door to lever the appliance into place when fitting.
- Avoid exerting too much pressure on the oven door when open.



Heat production during appliance operation
Risk of fire

- Check that the piece of furniture material is heat resistant.
- Check that the piece of furniture has the required slots.
- Do not install the appliance in a recess which can be closed with a door or in a cupboard.

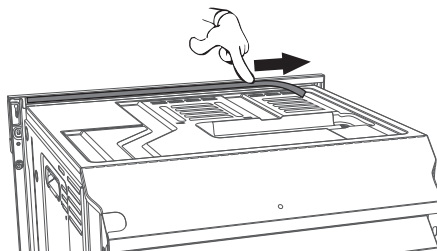
Position of the power cable



(rear view)

Front panel seal

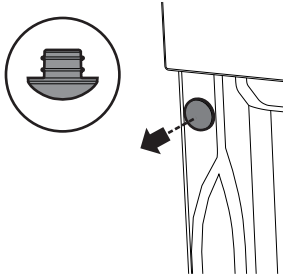
Glue the seal provided to the rear of the front panel to prevent water or other liquids from leaking in.





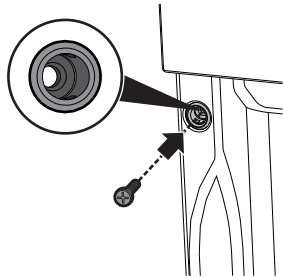
Fastening bushings

1. Remove the bushing covers inserted on the front of the appliance.

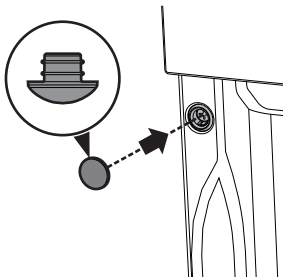


2. Mount the appliance into the recess.

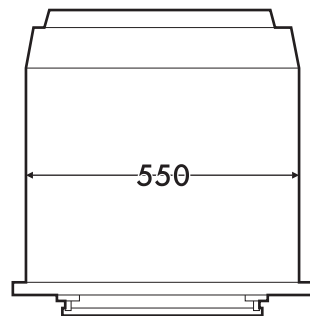
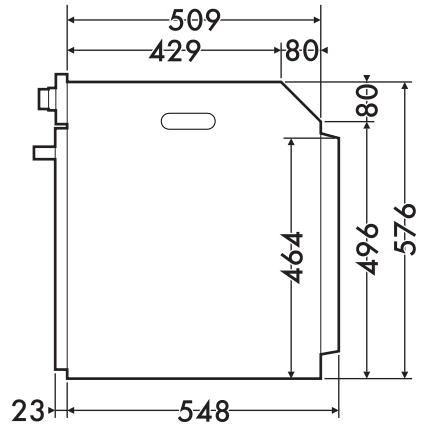
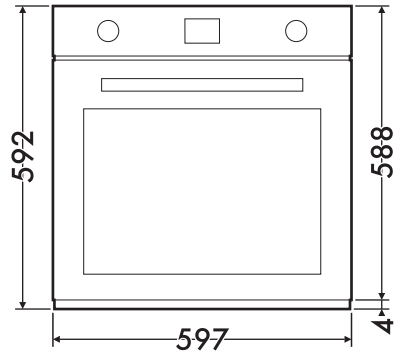
3. Secure the appliance to the piece of furniture using the screws.



4. Cover the bushings using the covers that were previously removed.



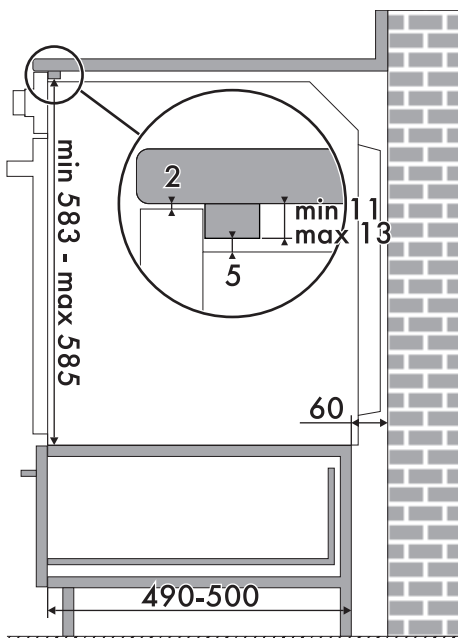
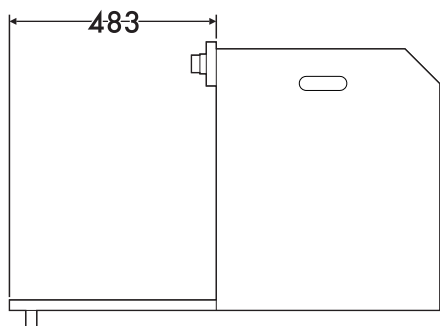
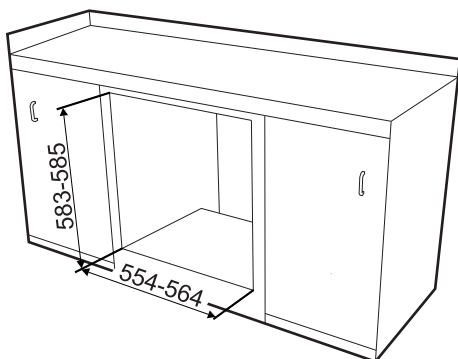
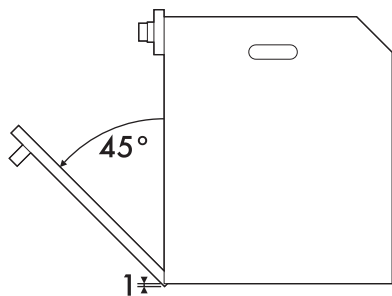
Appliance overall dimensions (mm)





Installation

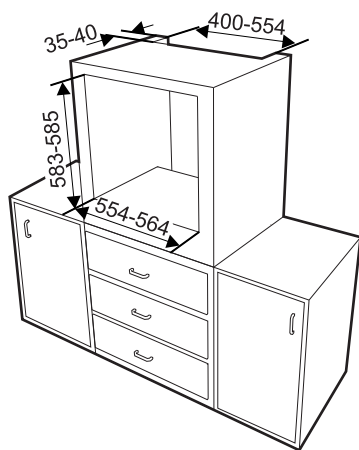
Mounting under worktops (mm)



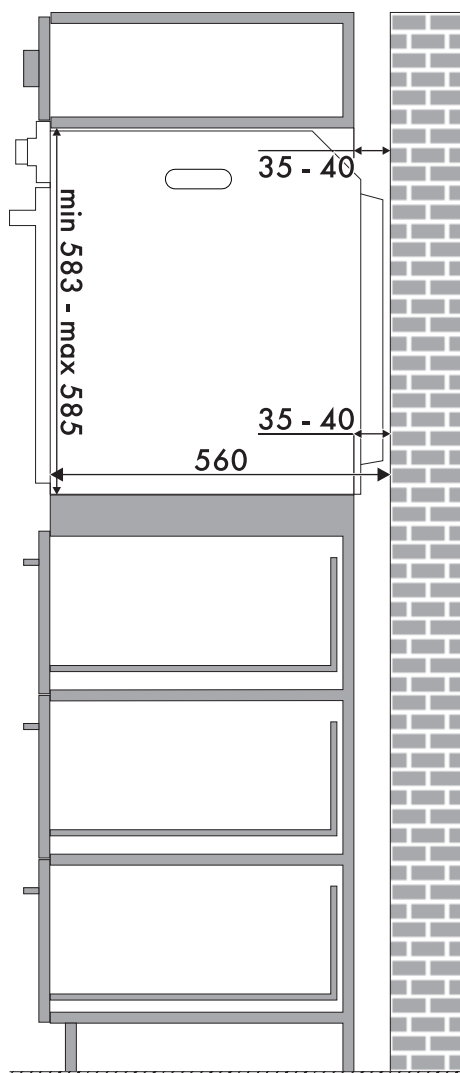
Make sure that the piece of furniture rear/bottom part has an opening of approx. 60 mm.

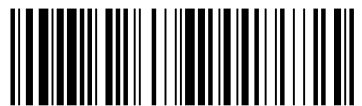


Mounting into a column (mm)



Make sure that the piece of furniture top/rear part has an opening approx. 35-40 mm deep.





914776413/B

HomeGUARD

Smoke Alarm

Mains Powered, 9V battery backup

HG3000



Photoelectric
Technology



Insect Screen
sensor protection



240VAC



9V battery
backup



Test/Hush
Function

The **HOMEGUARD HG3000** is a mains powered, photoelectric smoke alarm that operates on a 240VAC power source with a 9VDC battery backup. This smoke alarm has the ability to function as a stand alone unit or in an interconnected system. This smoke alarm uses photoelectric sensing technology and do not contain any radioactive material.

The HOMEGUARD HG3000 has new circuitry designed with improved resilience to electrical interferences and ripple control signals. The HG3000 smoke alarm complies with AS3786:2014 standard and is Activfire listed with a 5 year warranty.

GENERAL:

- 240VAC with 9VDC battery backup
- Photoelectric Technology Design
- Insect screen over sensor chamber
- Operate as single or inter-connect up to 24 units
- Easy slide base plate
- Suitable for Ceiling or Wall mounting
- Single Test and Hush button
- Anti-tamper feature
- Loud 85dBA sounder ISO8201 sound pattern.
- Tested and Approved to AS3786:2014

HG3000

Smoke Alarm

HomeGUARD

FUNCTION

STANDBY CONDITION: The red LED will flash every 40 seconds to indicate that the smoke alarm is operating properly.

ALARM CONDITION: When the alarm senses products of combustion and goes into alarm the red LED will flash one flash per second. The flashing LED and pulsating alarm will continue until the air is cleared. When units are interconnected, only the red LED of the alarm that senses the smoke or is being tested (the originating unit) will flash. All other units in the interconnected system will sound an alarm but their red LED's will NOT flash.

HUSH MODE: The red LED will illuminate for every 8 seconds, indicating the smoke alarm is in the Hush Mode. Pressing and releasing the Test button the smoke alarm will enter Hush mode.

INSTALLATION OF THE SMOKE ALARM

The HOMEGUARD smoke alarm is easy to install. The unit is fitted on a base plate with multiple fixing holes. The smoke alarm is connected to power on a 3 pin terminal block on the base plate. The smoke alarm easily slides on the base plate for positive power connection.

This alarm cannot be operated from power derived from a square wave, modified square wave or modified sine wave inverter. These type of inverters are sometimes used to supply power to the structure in off grid installations, such as solar or wind derived power sources. These power sources produce high peak voltages that will damage the alarm.

Installing smoke alarm on its own subcircuit will avoid false alarms and nuisance chirping that may be caused by electromagnetic interferences from other electrical equipment. The HOMEGUARD HG3000 is not designed to be interconnected with other brands or products. Should other products need to be interconnected for a complete system, please contact PSA PRODUCTS for more information.

SPECIFICATIONS

Model	HG3000
Detection Method	Photoelectric / Photo-optical sensing technology
Operation	Stand-alone or interconnect up to 24 units
Power Requirement	240V AC 50Hz sine wave supply
Power Backup	9Vdc battery
Rating	80mA max per alarm
Alarm sound	85dB at 3m
Low battery indication	Sounds a chirp at 40 second intervals, in addition to red LED flashing
Hush Function	10-15 minutes. Red LED flash every 8-10 seconds.
Alarm duration	As long as smoke is present, unit automatically resets when smoke clears
Alarm indication	Flashing red LED indicator every second.
Temperature Range	4°C to 45°C
Humidity Range	Up to 95% relative humidity (RH)
Size (W x H)	120 x 40mm
Wiring	Hard wire 3 pin terminal block.
LED	Green, power indicator. Red, alarm indicator
Warranty	5 years – limited warranty excludes battery
Compliance	Activfire Approved and listed to AS3786: Australian standards certified product. Australian Electrical Authority Approval. RCM. Manufactured under ISO9001



Tested & complies to
Australian Standards
AS3786:2014



Refer to the installation and user manual for more details.
Product specification may change without notice.

FIRE • SECURITY • INTERCOMS

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