EN REFRIGERATOR

USER MANUAL



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ENVIRONMENT CONCERNS

Recycle the materials with the symbol ${\bigtriangleup}$. Put the packaging in applicable containers to recycle it.

Help protect the environment and human health and to recycle waste of electrical and electronic appliances. Do not dispose appliances marked with the symbol 🛎 with the household waste. Return the product to your local recycling facility or contact your municipal office.

VISIT OUR WEBSITE FOR:

- Products
- Brochures
- User manuals
- Trouble shooter
- Service information

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LEGEND

- / Warning Important Safety information.
- (i) General information and tips
- Environmental information

Subject to change without notice.

FOR PERFECT RESULTS

Thank you for choosing this AEG product. We have created it to give you impeccable performance for many years, with innovative technologies that help make life simpler – features you might not find on ordinary appliances. Please spend a few minutes reading to get the very best from it.

ACCESSORIES AND CONSUMABLES

In the AEG webshop, you'll find everything you need to keep all your AEG appliances looking spotless and working perfectly. Along with a wide range of accessories designed and built to the high quality standards you would expect, from specialist cookware to cutlery baskets, from bottle holders to delicate laundry bags...



Visit the webshop at: www.aeg.com/shop

CUSTOMER CARE AND SERVICE

We recommend the use of original spare parts.

When contacting Service, ensure that you have the following data available. The information can be found on the rating plate.

Model _____

PNC _____

Serial Number _____

SAFETY INFORMATION

In the interest of your safety and to ensure the correct use, before installing and first using the appliance, read this user manual carefully, including its hints and warnings. To avoid unnecessary mistakes and accidents, it is important to ensure that all people using the appliance are thoroughly familiar with its operation and safety features. Save these instructions and make sure that they remain with the appliance if it is moved or sold, so that everyone using it through its life will be properly informed on appliance use and safety. For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

CHILDREN AND VULNERABLE PEOPLE SAFETY

 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.

- Keep all packaging well away from children. There is risk of suffocation.
- If you are discarding the appliance pull the plug out of the socket, cut the connection cable (as close to the appliance as you can) and remove the door to prevent playing children to suffer electric shock or to close themselves into it.
- If this appliance featuring magnetic door seals is to replace an older appliance having a spring lock (latch) on the door or lid, be sure to make that spring lock unusable before you discard the old appliance. This will prevent it from becoming a death trap for a child.

GENERAL SAFETY



WARNING!

Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

- The appliance is intended for keeping foodstuff and/or beverages in a normal household as explained in this instruction booklet.
- Do not use a mechanical device or any artificial means to speed up the thawing process.
- Do not use other electrical appliances (such as ice cream makers) inside of refrigerating appliances, unless they are approved for this purpose by the manufacturer.
- Do not damage the refrigerant circuit.
- The refrigerant isobutane (R600a) is contained within the refrigerant circuit of the appliance, a natural gas with a high level of environmental compatibility, which is nevertheless flammable.

During transportation and installation of the appliance, be certain that none of the components of the refrigerant circuit become damaged.

If the refrigerant circuit should become damaged:

- avoid open flames and sources of ignition
- thoroughly ventilate the room in which the appliance is situated
- It is dangerous to alter the specifications or modify this product in any way. Any damage to the cord may cause a short-circuit, fire and/or electric shock.

WARNING!

Any electrical component (power cord, plug, compressor) must be replaced by a certified service agent or qualified service personnel to avoid hazard.

- 1. Power cord must not be lengthened.
- 2. Make sure that the power plug is not squashed or damaged by the back of the appliance. A squashed or damaged power plug may overheat and cause a fire.
- **3.** Make sure that you can come to the mains plug of the appliance.

- 4. Do not pull the mains cable.
- 5. If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.
- You must not operate the appliance without the lamp cover (if foreseen) of interior lighting.
- This appliance is heavy. Care should be taken when moving it.
- Do not remove nor touch items from the freezer compartment if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Avoid prolonged exposure of the appliance to direct sunlight.
- Bulb lamps (if foreseen) used in this appliance are special purpose lamps selected for household appliances use only. They are not suitable for household room illumination.

DAILY USE

- Do not put hot pot on the plastic parts in the appliance.
- Do not store flammable gas and liquid in the appliance, because they may explode.
- Appliance's manufacturers storage recommendations should be strictly adhered to. Refer to relevant instructions.

CARE AND CLEANING

- Before maintenance, switch off the appliance and disconnect the mains plug from the mains socket.
- Do not clean the appliance with metal objects.
- Regularly examine the drain in the refrigerator for defrosted water. If necessary, clean the drain. If the drain is blocked, water will collect in the bottom of the appliance.

INSTALLATION



For electrical connection carefully follow the instructions given in specific paragraphs.

 Unpack the appliance and check if there are damages on it. Do not connect the appliance if it is damaged. Report possible damages immediately to the place you bought it. In that case retain packing.

- It is advisable to wait at least four hours before connecting the appliance to allow the oil to flow back in the compressor.
- Adequate air circulation should be around the appliance, lacking this leads to overheating. To achieve sufficient ventilation follow the instructions relevant to installation.
- Wherever possible the back of the product should be against a wall to avoid touching or catching warm parts (compressor, condenser) to prevent possible burn.
- The appliance must not be located close to radiators or cookers.
- Make sure that the mains plug is accessible after the installation of the appliance.
- Connect to potable water supply only (If a water connection is foreseen).

SERVICE

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- Any electrical work required to do the servicing of the appliance should be carried out by a qualified electrician or competent person.
- This product must be serviced by an authorized Service Centre, and only genuine spare parts must be used.

ENVIRONMENT PROTECTION

This appliance does not contain gasses which could damage the ozone layer, in either its refrigerant circuit or insulation materials. The appliance shall not be discarded together with the urban refuse and rubbish. The insulation foam contains flammable gases: the appliance shall be disposed according to the applicable regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially at the rear near the heat exchanger. The materials used on this appliance marked by the symbol \bigtriangleup are recyclable.

CONTROL PANEL



- 1 Display
- 7 Temperature warmer button
- 3 Temperature colder button
- 4 OK button
- 5 Mode button
- 6 ON/OFF button

It is possible to change predefined sound of buttons to a loudly one by pressing together Mode button and Temperature colder button for some seconds. Change is reversible.

DISPLAY/INDICATOR



- 1 Timer indicator
- 2 COOLMATIC function
- 3 Minute Minder function
- 4 Child Lock function
- 5 Alarm indicator
- 6 Temperature indicator
- 7 Holiday function

SWITCHING ON

To switch on the appliance do these steps:

- 1. Connect the mains plug to the power socket.
- 2. Press the ON/OFF button if the display is off.
- If "dEMo" appears on the display, the appliance is in demonstration mode. Refer to "What to do if..." paragraph.

4. The temperature indicators show the set default temperature.

To select a different set temperature refer to "Temperature regulation".

If the door remains open for some minutes, the light will turn off automatically. The light is reset by closing and opening the door itself

SWITCHING OFF

To switch off the appliance do these steps:

- Press the ON/OFF button for few seconds.
- 2. The display switches off.
- **3.** To disconnect the appliance from the power disconnect the mains plug from the power socket.

TEMPERATURE REGULATION

The set temperature of the fridge may be adjusted by pressing the temperature button.

Set default temperature: +5°C for the fridge.

The temperature indicator shows the set temperature.

The set temperature will be reached within 24 hours.



After a power failure the set temperature remains stored.

MINUTE MINDER FUNCTION

The Minute Minder function is to be used to set an acoustic alarm at the preferred time, useful for example when a recipe requires to cool down a mixture for a certain length of time.

To switch on the function:

1. Press the Mode button until the corresponding icon appears.

The Minute Minder indicator flashes.

The Timer shows the set value (30 minutes) for a few seconds.

- 2. Press the Temperature colder or the Temperature warmer button to change the Timer set value from 1 to 90 minutes.
- Press the OK button to confirm. The Minute Minder indicator is shown.

The Timer start to flash (min). At the end of the countdown the Minute Minder indicator flashes and an audible alarm sounds:

1. Press OK button to switch off the sound and terminate the function.

It is possible to deactivate the function at any time during the countdown:

- 1. Press the Mode button until the Minute Minder indicator flashes.
- 2. Press the OK button to confirm.

3. The Minute Minder indicator goes off. It is possible to change the time during the countdown by pressing the Temperature colder button and the Temperature warmer button.

CHILD LOCK FUNCTION

To lock the buttons from unintentional operation select the Child Lock function. To switch on the function:

- 1. Press the Mode button until the corresponding icon appears.
- 2. The Child Lock indicator flashes.
- 3. Press the OK button to confirm.

The Child Lock indicator is shown. To switch off the function:

- 1. Press the Mode button until the Child Lock indicator flashes.
- 2. Press the OK button to confirm.
- 3. The Child Lock indicator goes off.

COOLMATIC FUNCTION

If you need to insert a large amount of warm food, for example after doing the grocery shopping, we suggest activating the COOLMATIC function to chill the products more rapidly and to avoid warming the other food which is already in the refrigerator.

To switch on the function:

- Press the Mode button until the corresponding icon appears. The COOLMATIC indicator flashes.
- 2. Press the OK button to confirm.

The COOLMATIC indicator is shown. The COOLMATIC function shuts off automatically after approximately 6 hours. To switch off the function before its automatic end:

- 1. Press the Mode button until the COOLMATIC indicator flashes.
- 2. Press the OK button to confirm.
- 3. The COOLMATIC indicator goes off.



The function switches off by selecting a different fridge set temperature.

HOLIDAY FUNCTION

This function allows you to keep the refrigerator closed and empty during a long holiday period without the formation of a bad smell.



The fridge compartment must be empty with holiday function on.

To switch on the function:

1. Press the Mode button until the corresponding icon appears.

The Holiday indicator flashes.

The fridge temperature indicator shows the set temperature.

2. Press the OK button to confirm.

The Holiday indicator is shown. To switch off the function:

- 1. Press the Mode button until the Holiday indicator flashes.
- 2. Press the OK button to confirm.
- 3. The Holiday indicator goes off.



DOOR OPEN ALARM

An acoustic alarm will sound if the door is left open for a few minutes. The door open alarm conditions are indicated by:

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- flashing Alarm indicator
- acoustic buzzer

When normal conditions are restored (door closed), the alarm will stop. During the alarm, the buzzer can be switched off by pressing any button.

DAILY USE

VEGETABLE DRAWER

The drawer is suitable for storing fruit and vegetables.

Some models have a separator inside the drawer that can be placed in different po-

MOVABLE SHELVES

sitions to allow for the subdivision best suited to personal needs. All parts inside the drawer can be removed for cleaning purposes.

The walls of the refrigerator are equipped with a series of shelves support so that the shelves can be positioned as desired. Some shelves must be lifted up by the rear edge to enable them to be removed.

Do not move the glass shelf above the vegetable drawer to ensure correct air circulation.

BOTTLE RACK



Place the bottles (with the opening facing front) in the pre-positioned shelf.

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If the shelf is positioned horizontally, place only closed bottles.

This bottle holder shelf can be tilted in order to store previously opened bottles. To obtain this result, pull the shelf up so it can rotate upwards and be placed on the next higher level.

POSITIONING THE DOOR SHELVES



To permit storage of food packages of various sizes, the door shelves can be placed at different heights.

To make these adjustments proceed as follows:

Gradually pull the shelf in the direction of the arrows until it comes free, then reposition as required.



Do not move the big lower door shelf to ensure correct air circulation.

CLEANING THE INTERIOR



Before using the appliance for the first time, wash the interior and all internal accessories with lukewarm water and some neutral soap so as to remove the typical smell of a brand-new product, then dry thoroughly.



Do not use detergents or abrasive powders, as these will damage the finish.

Check that the drain hose at the rear of the cabinet discharges into the drip tray

HELPFUL HINTS AND TIPS

HINTS FOR ENERGY SAVING

- Do not open the door frequently or leave it open longer than absolutely necessary.
- If the ambient temperature is high and the Temperature Regulator is set to low temperature and the appliance is fully loaded, the compressor may run continuously, causing frost or ice on the evaporator. If this happens, set the Temperature Regulator toward warmer settings to allow automatic defrosting and so a saving in electricity consumption.

HINTS FOR FRESH FOOD REFRIGERATION

To obtain the best performance:

- do not store warm food or evaporating liquids in the refrigerator
- do cover or wrap the food, particularly if it has a strong flavour
- position food so that air can circulate freely around it

HINTS FOR REFRIGERATION

Useful hints:

Meat (all types) : wrap in polythene bags and place on the glass shelf above the vegetable drawer.

For safety, store in this way only one or two days at the most.

Cooked foods, cold dishes, etc..: these should be covered and may be placed on any shelf.

Fruit and vegetables: these should be thoroughly cleaned and placed in the special drawer(s) provided.

Butter and cheese: these should be placed in special airtight containers or wrapped in aluminium foil or polythene bags to exclude as much air as possible. Milk bottles: these should have a cap and should be stored in the bottle rack on the door.

Bananas, potatoes, onions and garlic, if not packed, must not be kept in the refrigerator.

HINTS FOR TEMPERATURE INSIDE THE FRIDGE

• A suitable temperature inside the fridge is approx. +5° C. When the temperature regulator is set to +5°C this represents the mean temperature in the fridge. It is normal with higher temperature in the top of the fridge and lower temperature in the lower part.

If the temperature regulator is set to a cold temperature, the ambient temperature is high or if the fridge is fully loaded the compressor will run for a longer time. This results in colder temperature in the lower part of the fridge due to the cold air that falls down. It may result in that food with high water content start to freeze. If too cold, change to a higher temperature setting.



Do not place food against or close to the temperature sensor (A) or any shelves towards the water drain hole. This can result in too cold temperatures.



 If you want to check the temperature of food stored in the refrigerator, place a glass of water centrally in the cabinet, and put a proper thermometer with an accuracy of +/- 1 °C into it. After 6 hours the temperature can be monitored. The measuring shall be performed under steady-stated conditions (without changing the load).

CARE AND CLEANING



CAUTION!

Unplug the appliance before carrying out any maintenance operation.



This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

PERIODIC CLEANING

The equipment has to be cleaned regularly:

- clean the inside and accessories with lukewarm water and some neutral soap.
- regularly check the door seals and wipe clean to ensure they are clean and free from debris.
- rinse and dry thoroughly.



Do not pull, move or damage any pipes and/or cables inside the cabinet.

Never use detergents, abrasive powders, highly perfumed cleaning products or wax polishes to clean the interior as this will damage the surface and leave a strong odor.

Clean the condenser (black grill) and the compressor at the back of the appliance with a brush. This operation will improve the performance of the appliance and save energy consumption.



Take care of not to damage the cooling system.



When moving the cabinet, lift it by the front edge to avoid scratching the floor.

Many proprietary kitchen surface cleaners contain chemicals that can attack/damage the plastics used in this appliance. For this reason use a soft cloth rinsed in warm water and neutral soap emulsion for cleaning external surfaces.



Do not use detergents or abrasive paste as these will damage the paint, or stainless steel anti finger print coating.

After cleaning, reconnect the equipment to the mains supply.

PERIODS OF NON-OPERATION

When the appliance is not in use for long periods, take the following precautions:

- 1. disconnect the appliance from electricity supply
- 2. remove all food
- **3.** defrost and clean the appliance and all accessories
- 4. leave the door/doors open to prevent unpleasant smells.



If the cabinet will be kept on, ask somebody to check it once in a while to prevent the food inside from spoiling in case of a power failure.

CLEANING THE VENTILATION GRILLE



The ventilation grille can be removed for washing.

Make sure the door is open and then:

- Loosen the upper edge of the grille by pulling outward/downward.
- Pull the grille straight out to completely remove it.
- Vacuum clean under the cabinet.

DEFROSTING THE REFRIGERATOR



Frost is automatically eliminated from the evaporator of the refrigerator compartment every time the motor compressor stops, during normal use. The defrost water drains out through a drain hole into a special container at the back of the appliance, over the motor compressor, where it evaporates.

It is important to periodically clean the defrost water drain hole in the middle of the refrigerator compartment channel to prevent the water overflowing and dripping onto the food inside.

WHAT TO DO IF...

During operation of the appliance some smaller but annoying trouble can often occur, which does not require calling a technician out. In the following chart information is given about them to avoid unnecessary charges on service.



The operation of the appliance goes with certain sounds (compressor and circulating sound). This not means a trouble, but a normal operation. The uous

The appliance operates discontinuously, so the stopping of compressor does not mean being no current. That is why you must not touch the electrical parts of the appliance before breaking the circuit.

Problem	Possible cause	Solution
The appliance is noisy.	The appliance is not supported properly.	Check if the appliance stands stable (all feet and wheels should be on the floor). Refer to "Levelling".
The buzzer sounds. The Alarm icon flash- ing.	The door is not closed cor- rectly.	Refer to "Door open alarm".
upper or lower square is shown in the temperature dis- play.	An error has occurred in measuring the tempera- ture	Call your service represen- tative (the cooling system will continue to keep food products cold, but temper- ature adjustment will not be possible)
"dEMo" appears on the display.	The appliance is in dem- onstration mode.	Keep pressed approximate- ly 10 sec the OK button since a long sound of buz- zer is heard and the display shut off for a short while: appliance start works regu- larly.
The compressor runs continuously.	The Temperature regula- tor may be set incorrectly.	Set a warmer temperature.
	The door is not closed cor- rectly.	Refer to "Closing the door".
	The door has been opened too frequently.	Do not keep the door open longer than necessary.
	The food temperature is too high.	Let the food temperature decrease to room tempera- ture before storage.
	The room temperature is too high.	Decrease the room temper- ature.
Water flows inside the refrigerator.	The water outlet is clog- ged.	Clean the water outlet.

Problem	Possible cause	Solution		
	Food prevent that water flows into the water collector.	Make sure that food do not touch the rear plate.		
Water flows on the ground.	The melting water outlet does not flow in the evap- orative tray above the compressor.	Attach the melting water outlet to the evaporative tray.		
The temperature in the appliance is too cold.	The Temperature regula- tor may be set incorrectly.	Set a warmer temperature.		
The temperature in the appliance is too warm.	The Temperature regula- tor may be set incorrectly.	Set a lower temperature.		
	The door is not closed cor- rectly.	Refer to "Closing the door".		
	The food temperature is too high.	Let the food temperature decrease to room tempera- ture before storage.		
The temperature in the refrigerator is too warm.	There is no cold air circula- tion in the appliance.	Make sure that there is cold air circulation in the appli- ance.		
	Large quantities of food to be cooled were put in at the same time.	Insert smaller quantities of food to be cooled at the same time.		
The appliance does not operate.	The appliance is switched off.	Switch on the appliance.		
	The mains plug is not con- nected to the mains sock- et correctly.	Connect the mains plug to the mains socket correctly.		
	The appliance has no power. There is no voltage in the mains socket.	Connect a another electri- cal appliance to the mains socket. Check fuse. Contact a qualified electrician.		
The lamp does not work.	The lamp is defective.	Refer to "Replacing the lamp".		
	The door has been open to long.	Close the door.		
Door interferes with ventilation grill.	The appliance is not level- led.	Refer to "Levelling".		
Misaligned door.	The appliance is not level- led.	Refer to "Levelling".		
As much as the advice does not lead to result, call the nearest brand-mark service.				

REPLACING THE LAMP

The appliance is equipped with a longlife LED interior light. Only service is allowed to replace the lighting device. Contact your Service Center .

CLOSING THE DOOR

- 1. Clean the door gaskets.
- 2. If necessary, adjust the door. Refer to "Installation".
- **3.** If necessary, replace the defective door gaskets. Contact the Service Center.

INSTALLATION



WARNING!

Read the "Safety Information" carefully for your safety and correct operation of the appliance before installing the appliance.

POSITIONING

Install this appliance at a location where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

LOCATION



ELECTRICAL CONNECTION

Before plugging in, ensure that the voltage and frequency shown on the rating plate correspond to your domestic power supply.

The appliance must be earthed. The power supply cable plug is provided with a contact for this purpose. If the domestic

Cli- mate class	Ambient temperature	
SN	+10°C to + 32°C	
Ν	+16°C to + 32°C	
ST	+16°C to + 38°C	
Т	+16°C to + 43°C	

To ensure best performance, if the appliance is positioned below an overhanging wall unit, the minimum distance between the top of the cabinet and the wall unit must be at least 40 mm. Ideally, however, the appliance should not be positioned below overhanging wall units. The ventilation space can be:

- directly above the appliance
- behind and above the top cupboard.

In this case, the space behind the top cupboard must be at least 50 mm deep.

power supply socket is not earthed, connect the appliance to a separate earth in compliance with current regulations, consulting a qualified electrician.

The manufacturer declines all responsibility if the above safety precautions are not observed.

This appliance complies with the E.E.C. Directives.

REMOVING THE TRANSPORT SUPPORT



Your appliance is equipped with transport support to secure the door during transportation.

To remove them do these steps:

- Open the door.
- Remove the transport support from the door sides.
- Remove the transport support from the lower hinge (some models).



Some models are fitted with a silencing pad under the cabinet. Do not remove this pad.

REAR SPACERS



• Install the spacers provided within the accessory bag as shown in the figure.

• Install the adhesive spacers on the back side of the appliance.

FITTING THE DOOR HANDLES



(Example for right hinge performance) The handles are supplied as a kit at delivery.

- 1. Screw the top handle bracket to the handle rod.
- 2. Fit the bottom handle bracket on the lower left-hand side of the door.
- **3.** Fit the top handle bracket on the top left-hand side of the door.
- 4. Screw the handle rod to the bottom handle bracket.

Do not use excessive force and overtighten the screws (max. 2 Nm) as you may damage the door handles.

LEVELLING



When placing the appliance ensure that it stands level. If necessary adjust the feet using the adjustment spanner supplied. Door alignment is dependent on proper levelling.

DOOR REVERSIBILITY



To change the opening direction of the door, do these steps:

- Remove the plug from the power.
- Remove the ventilation grille. Remove the upper filling and install it on the opposite side of the grille.
- Remove the pedal hole cover and install the cover provided in the accessory bag on the opposite side.
- Lay down the appliance back side down on a wooden support.

Remove the handle:

- Unscrew the handle from the top (1) and the bottom (2) of the door.
- Unscrew both of the handle brackets from the handle rod and re-screw the handle brackets provided in the handle kit.



- Unscrew the hinge (1) and remove the cover plate (2) and the support (3).
- Remove the cover (4) on the opposite side and install the support (3) the cover plate (2) and the hinge (1). Install the cover (4) on the opposite side.

- Unscrew the lower hinge (1). Move the pin to the opposite side (2).
- Unscrew and move the pedal to the opposite side (3).
- Screw on the lower hinge on the opposite side.
- Tighten the pin with the adjustment spanner supplied.
- Install the handle on the opposite side.
- Raise the appliance and install the ventilation grille.
- Put the cabinet in position.



WARNING!

Reposition, level the appliance, wait for at least four hours and then connect it to the power socket.

Do a final check to make sure that:

- All screws are tightened.
- The magnetic seal adheres to the cabinet.

• The door opens and closes correctly. If the ambient temperature is cold (i.e. in Winter), the gasket may not fit perfectly to the cabinet. In that case, wait for the natural fitting of the gasket.

NOISES

There are some sounds during normal running (compressor, refrigerant circulation).





TECHNICAL DATA

Dimension		
	Height	1800 mm
	Width	595 mm
	Depth	623 mm
Voltage		230 V
Frequency		50 Hz

The technical information are situated in the rating plate on the internal left side of the appliance and in the energy label.

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