

Please carefully read the operation instructions before powering on, and keep them safe.

Product specifications subject to change without notice.



The Creative Life

Air-cooled & Frost-free Household Refrigerator  
Operating Instructions

**P491TMS**

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## Contents

**Thank you for buying TCL refrigerator. We hereby express our thanks.  
Welcome to use TCL refrigerator. We will do our best to provide you with quality service.**

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## Safety information

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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.

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 they do not play with the appliance.

### General safety


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

 **WARNING!** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

 **WARNING!** Do not damage the refrigerant circuit.

## Safety information

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 **WARNING!** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

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.

- 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.


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 and by clients in hotels, motels and other residential type environments;

- bed and breakfast type environments;


- catering and similar non-retail applications.

 **WARNING!** Any electrical components (plug, power cord, compressor and etc.) must be replaced by a certified service agent or qualified service personnel.

Power cord must not be lengthened.

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.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

 **WARNING!** Do not locate multiple portable socket-outlet or portable power supplies at the rear of the appliance.

Make sure that you can come to the mains plug of the appliance.

Do not pull the mains cable.

If the power plug socket is loose, do not insert the power plug. There is a risk of electric shock or fire.

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.

## Safety information

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### Daily use

Do not put hot on the plastic parts in the appliance.

Frozen food must not be re-frozen once it has been thawed out.

Store pre-packed frozen food in accordance with the frozen food manufacture's instructions.

Appliance's manufactures storage recommendations should be strictly adhered to. Refer to relevant instructions.

Do not place carbonated or fizzy drinks in the freezer compartment as it creates pressure on the container, which may cause it to explode, resulting in damage to the appliance.

Ice lollies can cause frost burns if consumed straight from the appliance.

### 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.

Do not use sharp objects to remove frost from the appliance. Use a plastic scraper.

Regularly examine the drain in the chest freezer for defrosted water. If necessary, clean the drain.

### Installation

**Important!** 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 spacers 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.

## Safety information

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### Service


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 Center, and only genuine spare parts must be used.

### Energy saving


Don't put hot food in the appliance;  
Don't pack food close together as this prevents air circulating;  
Make sure food don't touch the back of the compartment(s);  
If electricity goes off, don't open the door(s);  
Don't open the door(s) frequently;  
Don't keep the door(s) open for too long time;  
Don't set the thermostat on exceeding cold temperatures;  
Some accessories, such as drawers, can be removed to get larger storage volume and lower energy consumption.

### 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 appliance regulations to obtain from your local authorities. Avoid damaging the cooling unit, especially the heat exchanger. The materials used on this appliance marked by the symbol ♻ are recyclable.

The symbol  on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

### Packaging materials

The materials with the symbol  are recyclable. Dispose the packaging in a suitable collection containers to recycle it.

### Disposal of the appliance

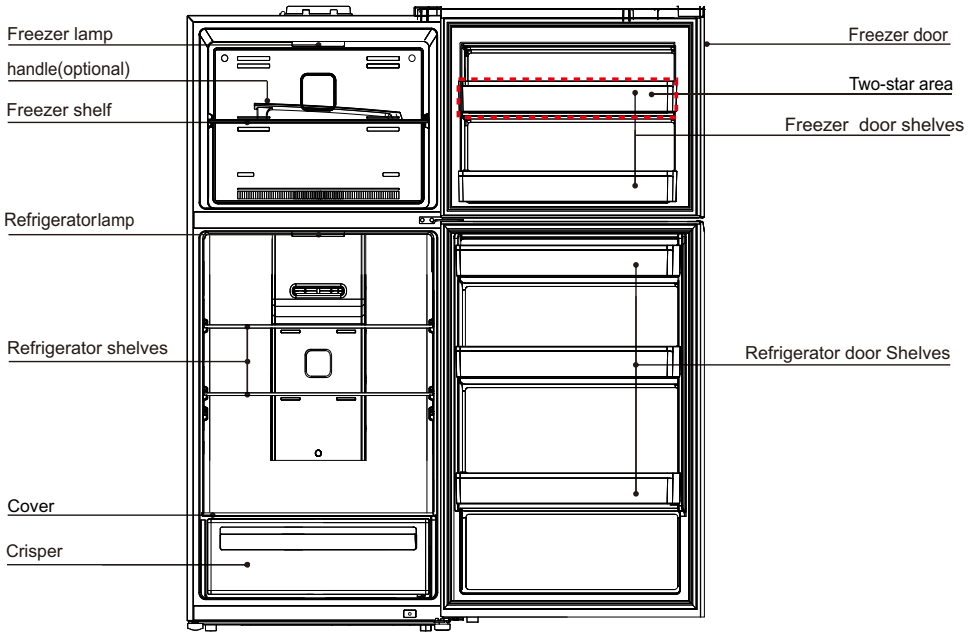
As a responsible supplier, we care about the environment. As such, we ask that you follow the correct disposal procedures for your product and packaging. This will help ensure that your product

## **Safety information**

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is recycled in a manner that protect the environment and your health.

You must dispose of your product and packaging according to local laws and regulations. Because this product contains electronic components and possibly batteries, this product and its accessories must be disposed separately from your household waste when the product reaches end of life. Contact your local authority to learn about disposal and recycling. The product should be taken to your local collection point for recycling. Please note that regulations may change, so always consult with your local authorities at time of disposal.



P491TMS Pictured

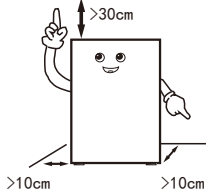
***Warm prompt:***

The product specification is subject to change without notice

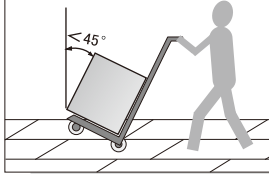


## Handling and placement

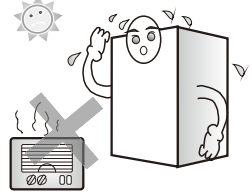
Please leave the minimum recommended space on the sides, back and top of the refrigerator



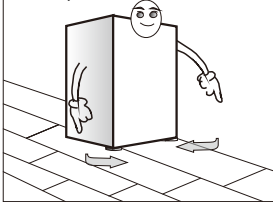
Do not trolley the refrigerator from the front or back



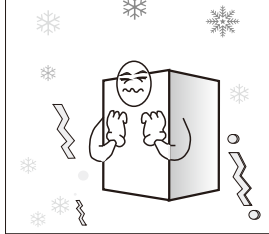
The refrigerator shall be placed in an environment which is dry, has good ventilation, far from direct sunshine and heat source.



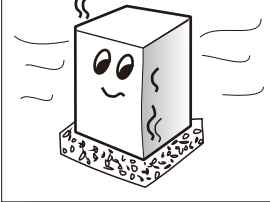
The refrigerator shall be placed on the flat and firm surface. If the ground is not flat, adjust the adjusting leg to keep it level.



Never place the refrigerator into a too cold environment that may get frozen.



Do not operate the refrigerator on foam base it shipped in, this will help heat dissipation and reduce fire risk



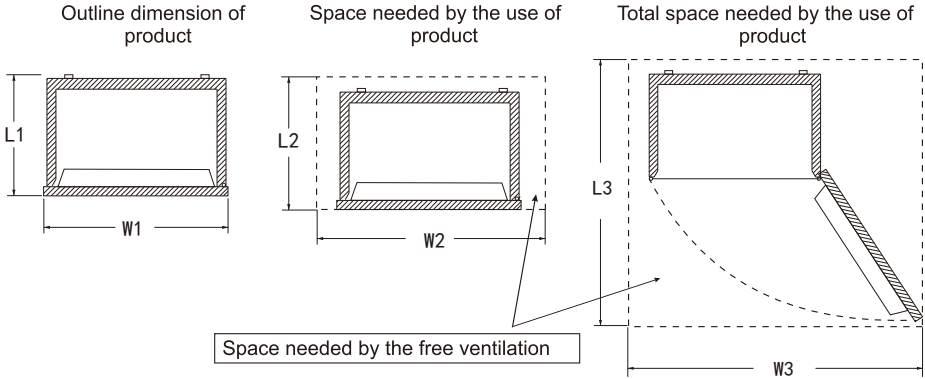
### **Warm prompt:**

- When handling the refrigerator, at least two people are required – one lifts the top rear part, the other one handles the bottom .
- When moving the refrigerator, the lower runner may damage and scratch the floor. If you need to move the refrigerator for a long distance, the internal accessories must be fixed using adhesive tape. Otherwise, the accessories may get damaged by crashing into each other.
- Please place the refrigerator in a position with small exposure to vibration.
- Sufficient clearance shall be left around the refrigerator. If the clearance is too small or goods are placed on the top or close to the side, the heat dissipation of refrigerator will be affected, and thus to cause unnecessary electric energy waste as well as burn out of the wall and other goods; the contact between the back and wall will cause vibration and noise;
- Adjust the front part and adjusting leg of the refrigerator to level it. An unlevelled refrigerator will cause vibration and noise.

## Handling and placement

The outline dimension of the product and the space needed by the use of product are shown in the following.

pictures:



Unit: mm

Product model	Outline dimension of product		Space needed by the use of product		Total space needed by the use of product	
	L1	W1	L2	W2	L3	W3
TRF-491W	686	706	>L1+100	>W1+200	>L1+720	>W1+600

## Preparations prior to use

1. Remove all packing materials such as adhesive tape, plastic bags, etc., especially the foam base.
2. Use a warm wet cloth to clean both interior and exterior of the refrigerator, (neutral detergent can be added to warm water).
3. After leveling and cleaning the refrigerator, keep it upright for about 2 hours before plugging in the power for the first time. Let the refrigerator run for 2 to 3 hours before storing foods.

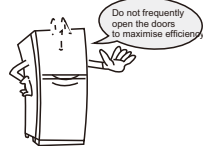
### 1. Remove fixing tape



### 2. Connect to power



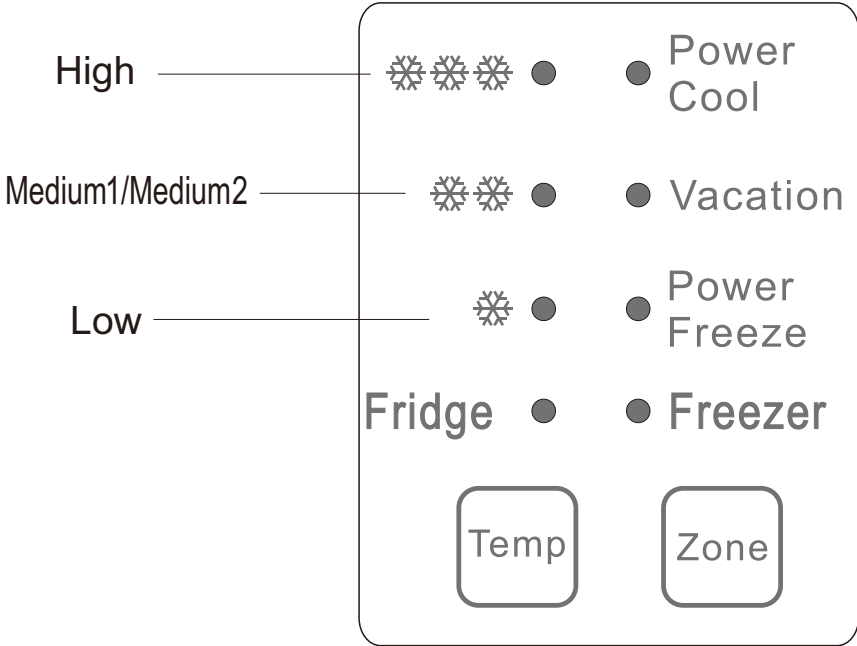
### 3. Leave the refrigerator on for 2-3 hours before storing food



The plastic deodorant smell will disappear automatically after a short time.

## Operation keys

### Operation and diagram of the electronic control board



P491TMS

The above is the computer control board for the product

### **Powering on for the First Time**

When powering on for the first time, it is recommended that the freezer is set to the Medium 2 setting. The refrigerator should also be set to the Medium 2 setting.

### **Adjusting the temperature manually**

#### **Refrigerator Compartment**

Repeatedly press the "Zone" button until the Fridge indicator is on, then press the "Temp" button to conduct the temperature adjustment for the refrigerator. The settings for

the refrigerator will cycle between "High" - "Medium 1" - "Medium 2" - "Low" - "Power cool" - "Vacation" - "High".

#### **Freezer Compartment**

Repeatedly press the "Zone" button until the Freezer indicator is on, then press the "Temp" button of "Temp" to conduct the temperature adjustment for the freezer. The settings for the freezer will cycle between "High" - "Medium 1" - "middle 2" - "Low" - "Power Freeze" - "High".

### **Quick refrigeration function**

Press the "Zone" button to select the Fridge Zone. Repeatedly press the "Temp" button until the "Power Cool" setting is selected. The Power Cool function will now activate, and operate for 2 hours. The Power Cool function will automatically exit after 2 hours, and the fridge will go to the Medium 2 setting. If during the Power Cool function, the door is left open for more than 3 minutes, the Power Cool mode will also be exited.

### **Quick freeze function**

Press the "Zone" button to select the Freezer Zone. Repeatedly press the "Temp" button until the "Power Freeze" setting is selected. The Power Freeze function will now activate, and operate for 4 hours. The Power Freeze function will automatically exit after 4 hours, and the freezer will go to the High setting. If during the Power Freeze function, the door is left open for more than 3 minutes, the Power Freeze mode will also be exited.

## Operation keys

### Vacation Mode

Press the "Zone" button to select the Fridge Zone. Repeatedly press the "Temp" button until the "Vacation" setting is selected. Vacation mode is now on.

(Note: When "vacation" mode is activated, the refrigerator will effectively be in the "Off" state. Before initiation of the vacation function, please remove the food out of the refrigerator)

### Power-off memory

In the event of a blackout or power disconnection, the previous cooling and freezing modes will be stored, and resume once power is re-connected. During a blackout, it is recommended to minimize the amount of time the doors are opened.

### Food storage

#### Refrigerator (2°C~8°C)

- The refrigerator is mainly used for storing short-term foods, like milk, eggs and bottled drinks.
- Vegetables, melons and fruits should be stored in the crisper to prevent water loss.
- Cooked foods should be put into the refrigerator after packaging in appropriate containers or bags.

#### Freezer (-22°C~-15°C)

- Fish and meat to be frozen shall be cut into small pieces, packaged with appropriate freezer bags or containers separately.
- Glass containers or sealed containers filled with liquids must not be stored in the freezer to prevent the risk of bursting.
- Fresh foods should not be stored together with the frozen foods.
- Do not place food close to inside wall in freezer to prevent the freezing to the wall

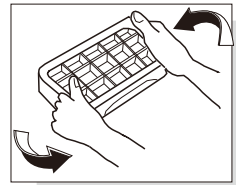
### ★ ★ Warm tips:

Stored food, if any, must not block the air duct outlet and return port as this will affect the performance.

Never place hot foods or liquids in the refrigerator or freezer. Always wait until the foods or liquids cool to room temperature.

### Ice making

- Fill the ice box with water four-fifths of the way full, then place it in the freezer. When the water in the ice box turns to ice, **twist the knob on the ice box clockwise, and the ice will drop into the box.**



## Operation

### Disassembly and assembly method of accessories

--Glass shelves in the refrigerator compartment: the height of the shelves are adjustable, which facilitates the storage of articles with different volumes. Pull the shelves slightly outwards and upwards to take out.

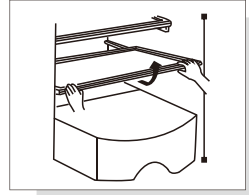
--Crisper Box: for storing vegetables and fruits. It can be easily taken out by pulling outwards.

--Freezer Drawer: storing foods to be preserved long-term, such as meat and fish. It can be easily taken out by pulling outwards and lifting upwards.

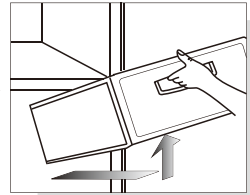
Note: It is recommended that large pieces of meat are cut into small pieces, as it will be very difficult to cut when frozen. The quick-freezing foods shall be distributed uniformly and stored together after being frozen.

--Refrigerator Door Shelves: for storing eggs, different kinds of bottled drinks and other items. To remove, gently squeeze from both sides at the same time and make sure the clips are dislodged, and then slowly lift out.

--Caution: do not pull out the door shelf forcibly when it is dismantled, so as not to damage the refrigerator



Take out by pulling upwardly and outwardly in a slight way



Take out by pulling outwardly and upwardly in a slight way

## Care and maintenance

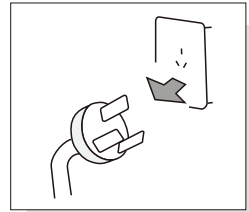
It is suggested to clean the refrigerator once per month;

--Unplug the power plug to prevent electric shock;

--Use wet cloth or neutral detergent to wipe off the oil contamination and other dirt. Then completely wipe off the detergent.

--Do not use alkaline detergents, soap powder, gasoline and alcohol, talcum powder etc.; otherwise the coats or plastics may be damaged;

--Regularly clean the refrigerator body and clear ground dust to keep the refrigerator clean.



Unplug the refrigerator plug before cleaning



Please use neutral detergent

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## **Troubleshooting**

Before service is requested, please go through the below troubleshooting items:

### **Refrigerator does not work, The refrigeration effect is poor**

1. Check the power is connected and switch is turned on.
2. Check whether the refrigerator is exposed to direct sunlight or whether there is heat source nearby.
3. make sure the minimum recommended space is around the fridge and wall.

### **Foods in refrigerator are frozen**

1. Check whether the setting temperature is too low, you may need to increase.
2. Check whether foods with too much water are too close to the rear wall and move if required.

### **There are abnormal sounds in the refrigerator**

1. Check whether the bottom of refrigerator is stable, re-level if required.
2. Check whether the refrigerator is too close to the wall and move if necessary.
3. Check whether the refrigerator touches other objects and remove any obstacles.

### **There is an abnormal odor in the refrigerator**

1. Check whether the foods are sealed for storage.
2. Check whether the refrigerator is clean, and clean as described in this manual
3. Make sure food has not been stored for too long, and discard if required.

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## **Non-failures**

### **Phenomenon: The two sides of the refrigerator, and space between the fridge and freezer are warm**

Cause: Refrigerator pipes (condenser, anti-fog pipes) are on two sides and front part of refrigerator for heat dissipation and to prevent condensation, it is normal for these spaces to get warm

### **Phenomenon: The door is too tight and not easy to open**

Cause: Reopening of the door immediately after closing it is hard because hot air enters the refrigerator and contracts to produce a pressure difference. It will be easy to open the door after a short while.

### **Phenomenon: There is water ripple noise in refrigerator**

Cause: When starting or stopping the compressor, the refrigerant will make such a sound; and; Water produced after defrosting will also make such sound.

### **Phenomenon: There is "Click" sound or tick sound in refrigerator**

Cause: Shrinkage and swelling of the case will make such sound; When the case is cold or the door is opened, this sound will occur;

Phenomenon: There is hum sound in refrigerator

Cause: Running of compressor will make such a sound (if the refrigerator is not leveled, this sound will be louder)

### **Phenomenon: There is condensation or frosting on the freezer door surface or food surfaces**

Cause: Temperature or humidity around the refrigerator is high; The door is opened for too long ; The food+

### **Phenomenon: There is condensation on the light covers**

Cause: Light will produce heat after being lit, if the door is opened for a long time. So there is temperature difference, and thus the light cover will have condensation.

### **Phenomenon: There is condensation and water mist on the refrigerator body**

Cause: Humidity around refrigerator is high, and the moisture in the air will gather on the cabinet to form condensation.

**Technical parameter**

Model	P491TMS					
Climate type	T					
Electric shock resistance	I					
Total Storage Volume	420L					
Storage Volume of Fridge	319L					
Storage Volume of Freezer	90L					
Storage Volume of two stars Freezer	11L					
Power type	220-240V~/50Hz					
Rated current	0.85A					
Power consumption	332					
Lamp power	4W					
Weight	66kg					
Dimension	706*686*1720mm					
Refrigerant and charge amount	R600a,53g					
Noise Volume	42dB(A)					



## Packing list

Annex	Model	P491TMS					
Refrigerating shelf		2					
Freezing shelf		1					
Chiller room		1					
Cover		1					
Upper crisper		1					
Bottom crisper		1					
Refrigerating door bottle bracket		3					
Freezer door bottle bracket		2					
Ice-making box		1					
Egg tray		1					
Handle		0					
Operating instruction		1					

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