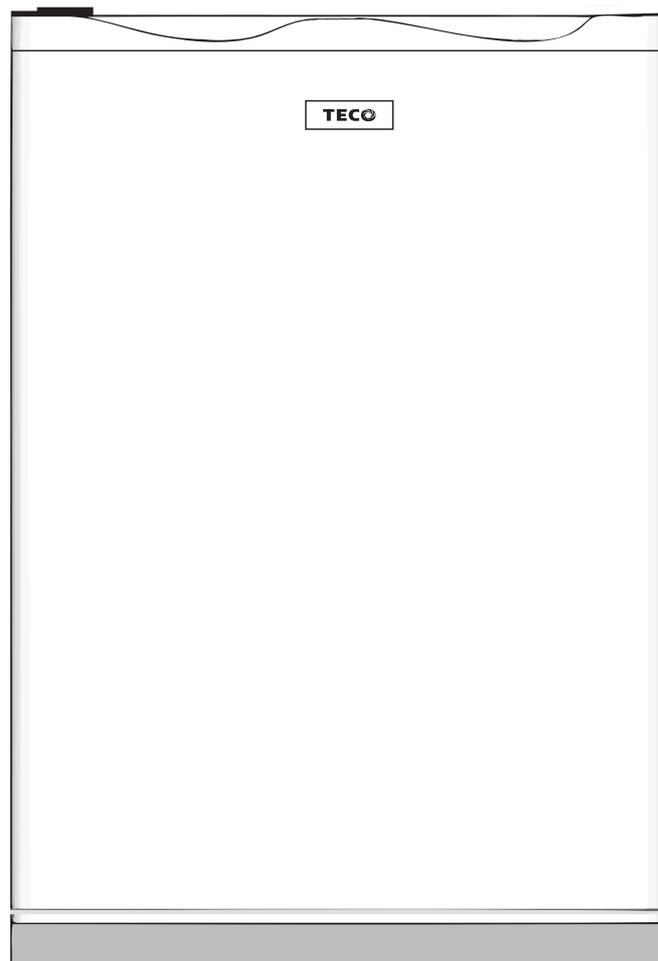




**92L VERTICAL FREEZER  
USER'S MANUAL**

**Model : TVF92WMA**



To ensure proper use of the appliance and your safety, please read the following user manual completely before operating this appliance.

- Thank you for purchasing our product and thank you for placing your confidence in us.
  - Read this manual carefully before using. Follow instructions and keep it for future reference.
  - Follow the operating instructions and safety notices in this manual.
  - If any trouble arise, do not fix it yourself or hand it to the after sales service centre which have not been authorised. Please contact the local authorised service centre.
  - This freezer is designed and approved for use with flammable R600a hydrocarbon refrigerant.
  - R600a refrigerant is better for the environment.
  - R600a is an eco-friendly hydrocarbon refrigerant.
  - The appliance is specifically constructed for domestic use and is therefore suitable for the refrigeration and storage of frozen foods and the production of ice-cubes.
- The appliance has not been designed or manufactured for professional use. Teco declines all responsibility for damage deriving from improper use of the appliance. The freezer has undergone the necessary tests on the tightness of the refrigeration circuit and complies with the safety regulations for electrical appliances.



**WARNING**

### **WARNING ICON**

This symbol indicates information concerning your personal safety



**CAUTION**

### **CAUTION ICON**

This symbol indicates information on how to avoid damaging the appliance



### **FLAMMABLE ICON**



**R600a**

### **R600a WARNING LABEL**

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**WARNING**

### **R600a Iso-butane Refrigerant**

- Hydrocarbon refrigerants have excellent refrigerant properties and minimal low global warming potential and no ozone depletion potential.
- This appliance contains a small quantity of flammable, non-synthetic R600a refrigerant:
- Hydrocarbon refrigerants cannot be 'retrofitted' to the appliance that has not been designed and approved to use that type of refrigerant.
- Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation.
- Leaking refrigerant may cause eye injuries or could ignite.
- The room for installing the appliance must be at least 1m<sup>3</sup> per 8g of refrigerant. The amount of refrigerant in the appliance can be found on the rating plate attached to the appliance.



**WARNING**

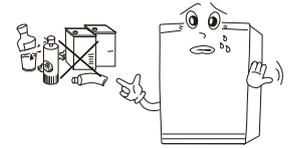
### **Risk of fire**

- If the refrigerant circuit should become damaged. Avoid open flames and sources of ignition. Disconnect the appliance from the mains power. Thoroughly ventilate the room in which the appliance is situated for several minutes.

## **SAFETY INFORMATION**

- The freezer is designed to operate on a single phase power supply within a voltage range of 220~240V/50Hz.
- The refrigeration system contains refrigerant. Do not allow any sharp objects to come in contact with the refrigerant system to avoid damage to the refrigerant circuit.
- This product is for indoor use only.
- Do not place electrical items or cooking equipment nearby. Keep away from substances which could cause ignition and ensure good ventilation is always available.
- Do not place objects on top of the appliance which are magnetic, heavy or filled with water.
- If the supply cord is damaged, it must be replaced by authorised TECO service personal, service agent or similarly qualified persons in order to avoid a hazard.

- Do not store flammable, explosive, volatile and highly corrosive materials in the freezer. Containers with flammable gases or liquids can leak at low temperature. There is a risk of explosion or fire.
- Do not splash water on the appliance. It may cause malfunction or electric shock.
- Do not place or operate any electrical appliance in the freezer.
- Always switch off and unplug the appliance before cleaning.
- 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.



## **Safety of children**

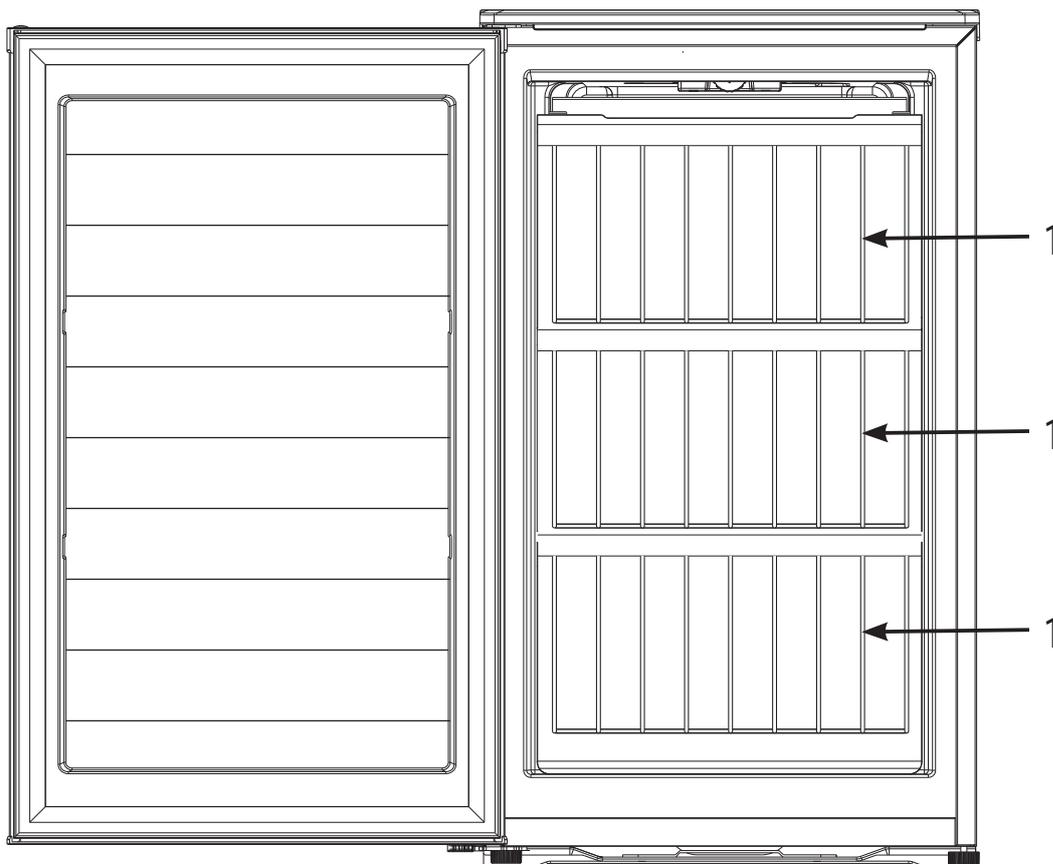
- Young children should be supervised to ensure that they do not play with the appliance.
- Packing (e.g. wraps, polystyrene etc.) can be dangerous for children. There is a risk of suffocation. Keep packaging materials away from children.
- Contact your local authorities for correct method of disposal. Dispose of all packaging in a responsible manner in accordance with local regulations.



**WARNING**

Dispose of old appliances in accordance with local regulations. Remove the doors, cut off the main cable, break or remove spring or bolt catches if fixed to prevent children trapped or involve themselves in other dangers.

# NAME OF PARTS AND USAGE



## **1. Storage Basket**

- The freezer you purchased is subject to continuous improvement, which may not be completely consistent with the manual, however the functions and operating methods will not change.
- If you use the freezer for the first time, remove any adhesive tapes.
- Do not pull or push the drawers forcefully during use in case of damage.

# PACKING LIST

Check the packing list that all items have been included.

Part No. (see pg.3)	Model	TVF92WMA
1	Storage Basket	3 pieces
	User manual	1 copy
	Warranty Information	1 copy

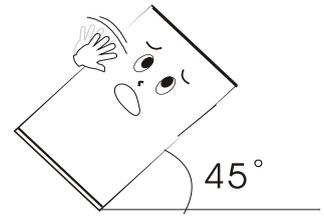
**Note:** Product specifications are subject to change without prior notice.

# TRANSPORTING THE APPLIANCE

1. The appliance must be transported only in a vertical position. The packing must be intact during the transportation.

2. When unpacking and re-packing the appliance, please memorise the position of each accessory of the appliance when unpacking it. When re-packing the appliance for transportation, ensure all accessories are secured before transportation.

3. Do not lift or pull the door during transportation



# INSTALLATION INSTRUCTIONS

1. When moving the appliance, do not tilt >45 degrees (the angle of the vertical direction). Please avoid strong vibration and impacts that could cause damage to the appliance.

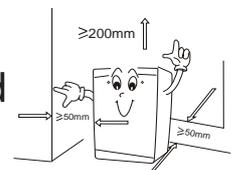
2. The freezer should be located on a firm and flat surface. An uneven surface may cause excess operating noise or vibration.

(a) The noise may be increased if the floor is not firm.

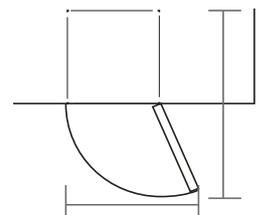
(b) If the appliance is to be positioned on carpet flooring and heat emitted from the appliance is a concern, place a solid sheet under the appliance.

3. Choose a location which is not exposed to sunlight, high temperature or humid, as humidity may cause staining.

4. It is recommended a clearance of at least 50mm away from objects and walls on both sides and back. Ensure the clearance above the appliance is not less than 200mm and at least 780mm clearance for the door to swing open.

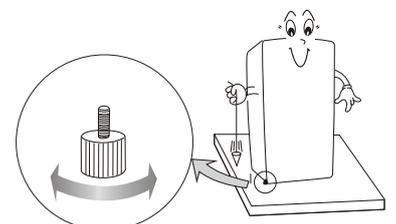


5. If the appliance is unstable, rotating either of the front two legs in a clockwise direction will raise the appliance. Turn them anticlockwise to lower.



6. When adjusting the front legs, ensure the appliance slopes backwards slightly for keeping the door closed.

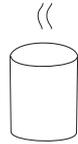
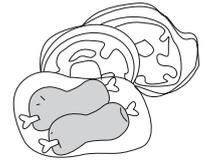
7. Remove all internal packaging before operating.



# OPERATING INSTRUCTIONS

## PLACEMENT OF FOOD

1. There should always be some space between items inside for air circulation.
2. Food should be kept in sealed packaging to avoid becoming dry or spoilt.
3. Hot food should be cooled down before placing into the appliance. Otherwise, the interior temperature and power consumption will increase.
4. Reduce opening the door frequently. This will increase the appliance efficiency and reduce power consumption.



**WARNING**

Do not use any electronic equipment inside the appliance.

## TEMPERATURE ADJUSTMENT

The temperature of the freezer can be controlled manually by adjusting the thermostat dial located at the rear, near the compressor. The number shown on the dial does not directly represent the temperature. Instead, the larger the number is, the lower the interior temperature will be. Turn the dial to position 3-4 (approx.  $-15^{\circ}\text{C}$ ) for normal use, turn it to position 5-6 if a lower interior temperature (approx.  $-20^{\circ}\text{C}$ ) is required; alternatively, to increase the interior temperature select position 2-1 (approx.  $-12^{\circ}\text{C}$ ).

The first time you turn the unit on, set the temperature control to the maximum position (6). After 24 to 48 hours, adjust the temperature control to the setting that best suits your needs.

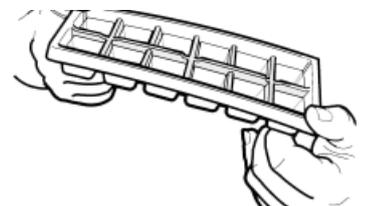


**WARNING**

Do not store objects which are costly or subject to temperature variations. e.g. medication or chemicals.

## ICE MAKING

To make ice cubes, fill an ice tray with drinking water and place it in the freezer. To remove ice cubes easily, run water on the tray before gently twisting and inverting the tray.



## **DEFROSTING**

Heavy frost will effect the refrigerating process or internal temperature of the appliance and increase the power consumption. Thus, defrosting is required if the frost is >5mm thick. Defrosting is a manual process. Please follow these steps:

1. Switch off and disconnect the appliance.
2. Remove all food from the ice box and freezer compartments.
3. Remove the freezer drawer.
4. Open the door and wait for the ice to defrost.
5. When de-icing, a scraper or plastic utensil may be used. Never use metal instruments or electrical appliances to de-ice the ice box.
6. To speed up the defrosting process, you can place a bowl of hot water in the compartment and close the door.
7. When defrosting is complete, clean the appliance.
8. Replace the shelf and food before restoring power.



**CAUTION**

Do not use an electric heater or hair dryer to increase the defrost process. It may destroy the cooling system.

## **ENERGY SAVING TIPS**

1. Adjust the temperature control to a setting that is acceptable for the storage of the food. This will reduce the power consumption.
2. Only open the door when required. Frequently opening the door will increase power consumption.
3. Maintain good air circulation within the freezer.

# MAINTENANCE

The appliance should be maintained and cleaned frequently. For your safety, pull the plug out of the socket before cleaning.

## 1. Interior and exterior maintenance

- Clean the interior of the appliance with clean water and wipe it dry with a piece of dry cloth.
- Cleansers such as soap powder, abrasive cleaning powder, alkali cleansers, chemical cloth, thinners, alcohol, acid petroleum products and hot water should not be used to clean the freezer as they may damage the painted cover and plastics.

2. Smearing can age the interior plastic components, so remove it as soon as possible.

3. Wipe the door gasket clean, it is easy to damage the door gaskets if polluted by stains, e.g. oil, sauce, etc.

4. Please check the points below after maintenance:

- (1) Is there any damage or loss of the power lead?
- (2) Can the power plug be inserted into the power socket correctly?
- (3) Is the power plug and/or lead heating up?



Please remove the gasket from the door before disposing. The disposed apparatus should be handled by professionals, as it may be harmful to the environment. If disposal is necessary, please contact your local authorities for correct method of disposal. Dispose of all packaging in a responsible manner in accordance with local council regulations.

# DISCONNECTION OF THE APPLIANCE

If a power failure occurs, even in summer, the freezer could store food normally for some time.

## 1. Power failure

During a power failure, do not put additional food in the appliance and reduce opening the door frequently.

Place several ice cubes into each freezer drawer if power failure is anticipated beforehand, and place it in the top of the freezer.

## 2. Power failure during vacation

Before departure of short vacation, remove any items that could spoil if a power failure occurs. Ensure the door is closed firmly.

If going on a long vacation, remove all items, defrost the appliance, clean and wipe dry the internal of the appliance, prior to disconnecting the power and leave the door open.

## 3. Storage of appliance

If the freezer will be stopped for a long period of time (storage), remove all items, defrost the appliance, clean and wipe dry the internal of the appliance, unplug the appliance from the power outlet. The door should be kept open in order to prevent unpleasant odours.



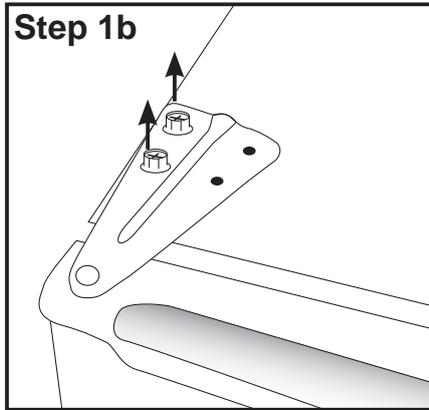
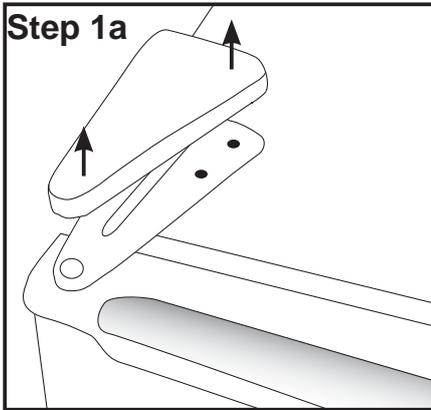
**WARNING**

**After unplugging the appliance from the power outlet, please leave at least 5 minutes before reconnection.**

# REVERSING THE DOOR

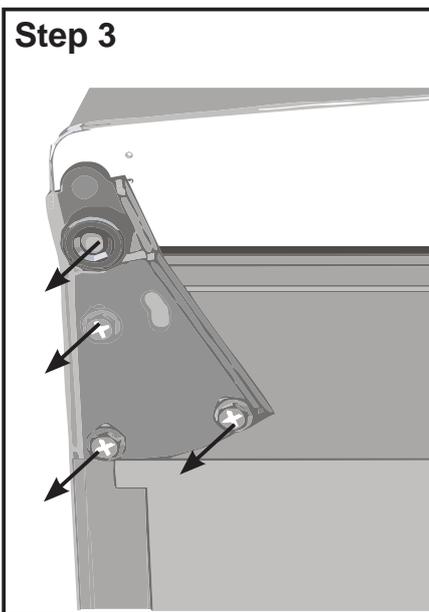
Follow these steps to reverse the door from the supplied position.

**Step 1.** Remove the cover from the door hinge and remove the two screws holding the hinge bracket.

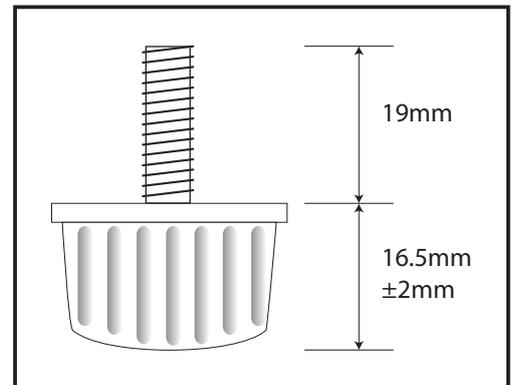


**Step 2.** Lift the door from the hinge. Place the door in a safe location to avoid scratches or damage.

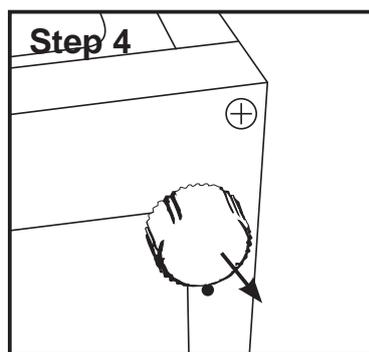
**Step 3.** Carefully tilt the freezer back so the under side can be accessed. Remove the adjustable foot and the three (3) bolts. Remove the hinge.



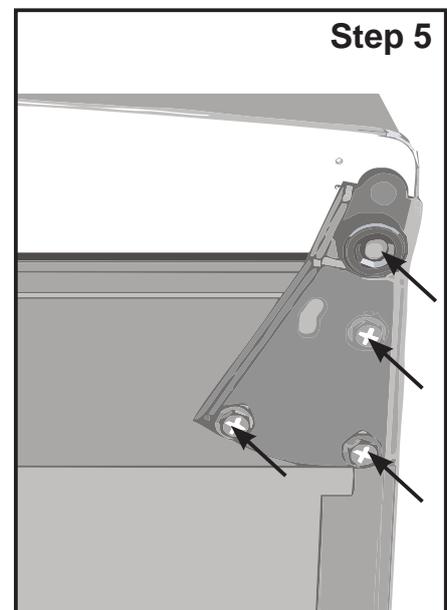
**NOTE:** The adjustable feet attached to the hinge is the same length on both sides. It is not necessary to swap them over when reversing the door.



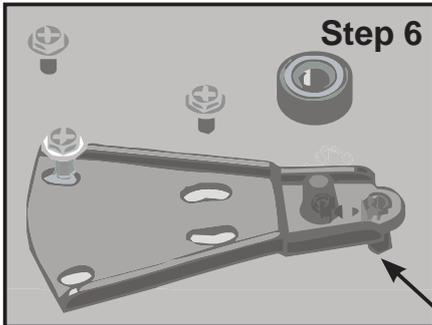
**Step 4.** Remove the frame screw from the upper right corner (refer to Step 7) and unscrew the adjustable leg. Ensure the two bolt holes are accessible.



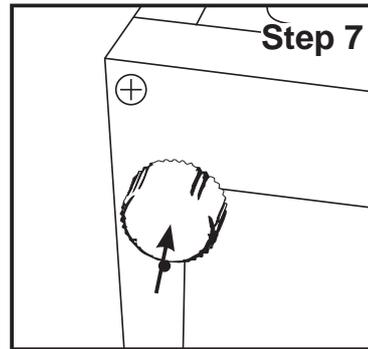
**Step 5.** Fasten the bracket to the right side of the freezer. Do not tighten completely to enable slight adjustments to the door once in place. Fasten the adjustable foot.



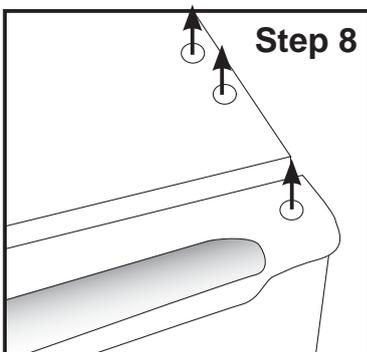
**Step 6.** The hinge pin must be removed and relocated onto the opposite side of the bracket. Remove the nut and washers, relocate the pin, then fasten. The hinge pin should now be pointing upward for the door to fit onto.



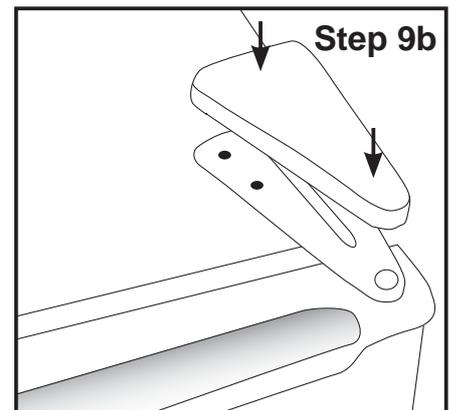
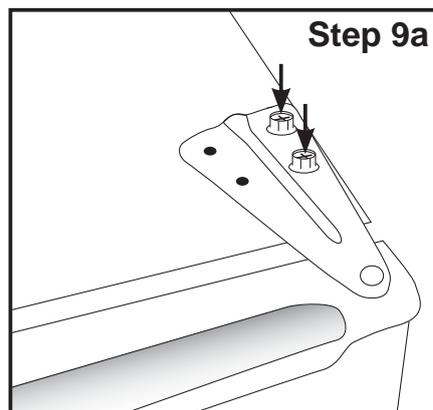
**Step 7.** Fasten the adjustable leg and frame screw into the left side of the freezer.



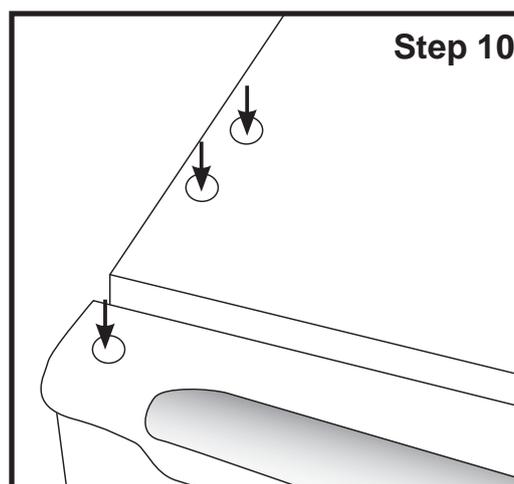
**Step 8.** Remove the caps covering the bolt holes and door from the right top side. Place the door onto the bottom hinge pin.



**Step 9.** Place the hinge on the right side and align the holes before screwing in bolts. Do not tighten bolts completely until after aligning the door and ensuring proper seal between the door and the freezer. Replace the hinge cover.



**Step 10.** Once the door is in place and all bolts (top hinge bracket and bottom hinge bracket) are securely tightened, insert caps on left side of the freezer and door.



# TROUBLESHOOTING

The following cases are not malfunctions:

1. Moisture may form as condensation on the outside of the appliance during humid conditions. To remove excess moisture, wipe clean.
2. The flow of refrigerant through the pipeline coil could cause gurgling, similar to water boiling. This is the normal function of the appliance.
3. It is normal that the sides of the appliance will get warm as a result of the refrigeration system operation.
4. Do not place objects on top of the appliance which are magnetic, heavy, or filled with water.
5. The appliance operation could cause electrical interference to electrical equipment.

**SYMPTOM:** The freezer does not work.

**SUGGESTION:** It may not be connected to the power supply (plug, power failure or blown fuse) and switched on. Check that the temperature dial is not set to 0 position.

**SYMPTOM:** The freezer does not work efficiently as expected.

**SUGGESTION:** It may be caused by heavy frost build up in the freezer compartment caused by a warm temperature setting, frequent opening of the door or low voltage.

**SYMPTOM:** It makes an unusual noise.

**SUGGESTION:** It may be caused by an unbalanced appliance or unstable surface, vibration from an object on top of, behind or beside the appliance.

**SYMPTOM:** The compressor keeps working for a long period.

**SUGGESTION:** The environment temperature may be too high. The doors may be opened frequently or even left open. The temperature control knob setting in (4-6) position may increase the working time of compressor. Large amounts of warm food recently placed in the appliance.

**SYMPTOM:** Unpleasant odours.

**SUGGESTION:** Interior may need cleaning. Some foods produce strong odours, some containers can also cause odours. Food should be packed tightly before being put inside the appliance. Please check whether there is any spoilt items left in the appliance.

**SYMPTOM:** Heavy frost builds up in the freezer compartment.

**SUGGESTION:** Make sure the door is fully closed.

**SYMPTOM:** Freezer temperature is too cold.

**SUGGESTION:** Check the position of the temperature dial located at rear.

## **REPAIRS, SERVICE & WARRANTY**

It is hazardous for anyone installing, removing, altering, repairing, servicing, testing or certifying the gas system of a gas device (i.e. charging, discharging or breaking into the refrigeration system that uses hydrocarbon refrigerants).

Only an Authorised Service Person can carry out servicing or repairs to this appliance. In Queensland the authorised person must hold a Gas Work Authorisation for hydrocarbon refrigerants, before carrying out servicing or repairs which involve the removal of covers.

Individuals will need to hold appropriate refrigeration/air conditioning competencies and also training in hydrocarbon refrigerants. This type of authorisation is provided to individuals only.

### **IF SERVICE IS REQUIRED:**

If you have a problem, and the problem persists after you have made the checks mentioned above, contact:

TECO Australia's Service on 1300 660 037

For warranty details please visit [www.teco.com.au](http://www.teco.com.au)

Complete and retain the following information:

Name of retailer: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

Model No. : \_\_\_\_\_

Serial No. : \_\_\_\_\_

MFG code: \_\_\_\_\_

**Please retain proof of purchase for warranty claims.**

# SPECIFICATIONS

Model	TVF92WMA	
Climate class	T	
Classification of installation and use	Class 1 Indoor use only	
Rated Total Gross Volume (L)	92	
Voltage (V)	230	
Frequency (Hz)	50	
Noise Level (dB)	42	
Refrigerant type	R600A	
Dimensions (mm)	Height	860
	Width	501
	Depth	540
IP rating	IPX0	
Net Weight (Kg)	26	



[www.teco.com.au](http://www.teco.com.au)

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