Currys Essential C108TW10

Refrigerator and freezer service manual

MODEL : RD-14DR4SA（BCD-108A/HC）

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1. *Safety precautions*

Safety Warning

For your own safety, please read all instructions before use and keep for future reference.

General safety

- This manual contains important information regarding the installation, use and maintenance of your appliance.
- This appliance is designed for household use. Do not use the appliance for industrial and commercial use, or any other purpose.
- Do not splash water on the appliance. It may cause electrical parts to fail and result in an electric shock.
- Leave the appliance in its intended place of installation and in its correct orientation for at least 4 hours before switching on to allow the cooling system to settle before first use or after any transportation.
- *Your appliance is an environmental friendly product and it contains non CFC / HFC gas substances in the cooling system (Called R600a) and in the insulation (Called cyclopentane) which are potentially flammable if exposed to fire. Therefore, take care not to damage, the cooling circuit / pipes of the appliance in transportation and in use. In case of damage do not expose the appliance to fire, potential ignition source and immediately ventilate the room where the appliance is situated.*
- The appliance is designed for **indoor use only** and must be protected from rain, moisture and extreme temperature variations.
- Do not sit, stand or place any other heavy objects on top of the appliance. This could result in injury or damage to the appliance.
- Do not allow children to play with the appliance to avoid the risk of entrapment and suffocation.
- Keep ventilation opening, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical, electrical or chemical way to speed up the defrost process not recommended by the manufacturer.
- Do not use or place other electrical products inside the appliance not recommended by the manufacturer.
- Do not store liquids in glass containers in the freezer compartment as these may shatter.
- 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.
- This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.
- Do not store flammable materials such as alcohol, gasoline, LP gas or glue etc in the appliance.

- In case there is an inflammable gas leaking, open the window for air circulation and do not pull out the plug or turn the temperature knob. Do not touch the appliance until the valve of gas is turned off. Otherwise, sparks may happen.



Electrical safety

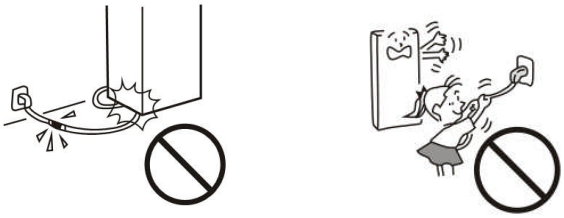
WARNING! IMPORTANT!

DO NOT connect your appliance to the electricity supply until all packaging and transit protectors have been removed.

- Electrical safety is only guaranteed when the earth system of your house is in accordance with the related local regulations.



- Check the voltage of this unit corresponds with your house electricity supply. If the socket outlets in your home are not suitable for the plug supplied with this unit check with a qualified electrician for replacement.
- Do not use an extension cable/cord or multi adaptors.
- This appliance must be positioned so that the plug is accessible.
- Do not damage the refrigerant circuit.
- Do not bend, stretch or pull the supply cable to avoid electric shock

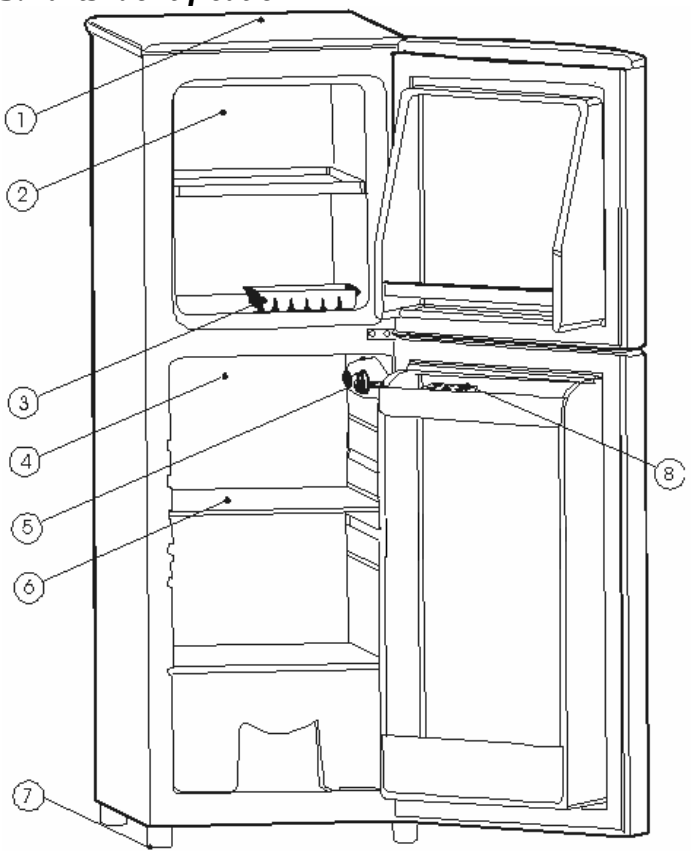


- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- If power supply cord is damaged, it must replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.

2. ***Specification***

models	*RD-14DR4SA*
net capacity (L)	*108*
color	*white*
power supply(V/Hz)	*220-240*
rated input power (W)	*90*
net weight (kg)	*32*
gross weight(kg)	*36*
*unit dimension (W*D*H)(mm)*	479×520×1145
*packing dimension (W*D*H)(mm)*	520×570×1180
container quantity (PCS)	*184*
noise	*41*

3.Parts identification



1	Top plate	5	Temperature knob
2	Freezer compartment	6	Shelf
3	Ice Tray	7	Adjustable feet
4	Fridge compartment	8	Egg tray

4.Cooling system diagram

when the refrigeration is just powered on. The refrigerant flows in the sequence: Compressor Condenser Dry filter Capillary tube Evaporator .

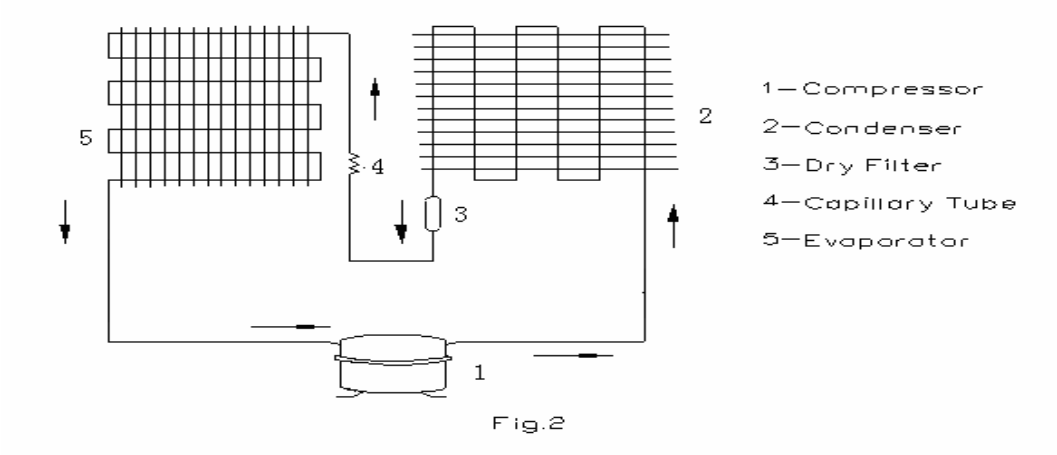
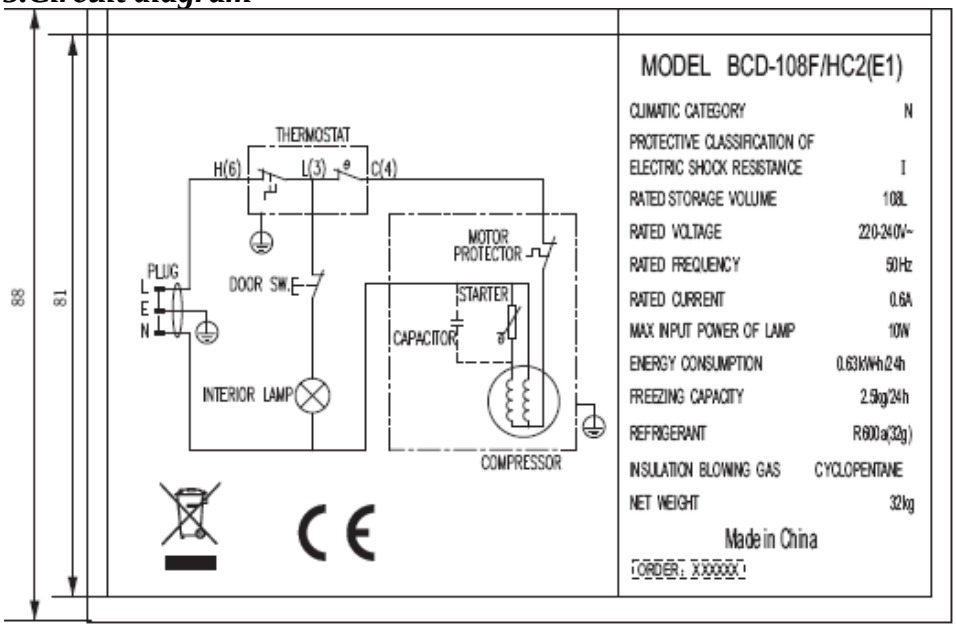


Fig.2

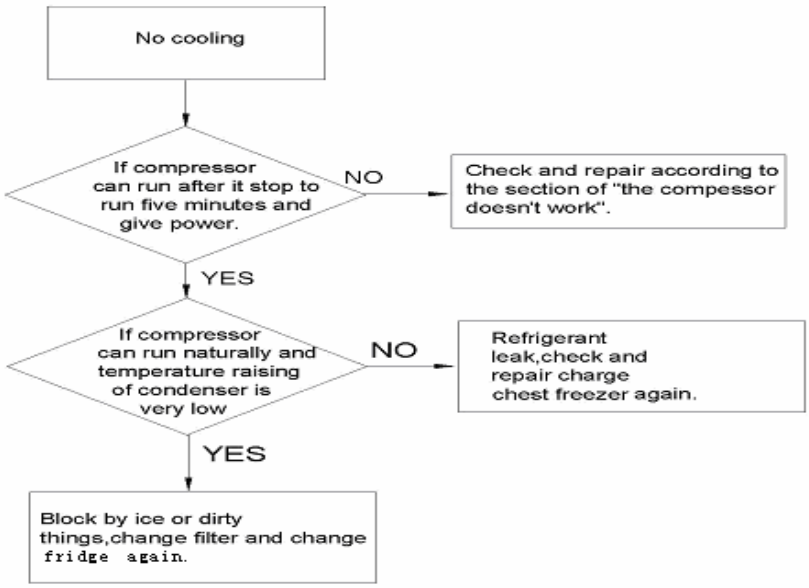
5.Circuit diagram



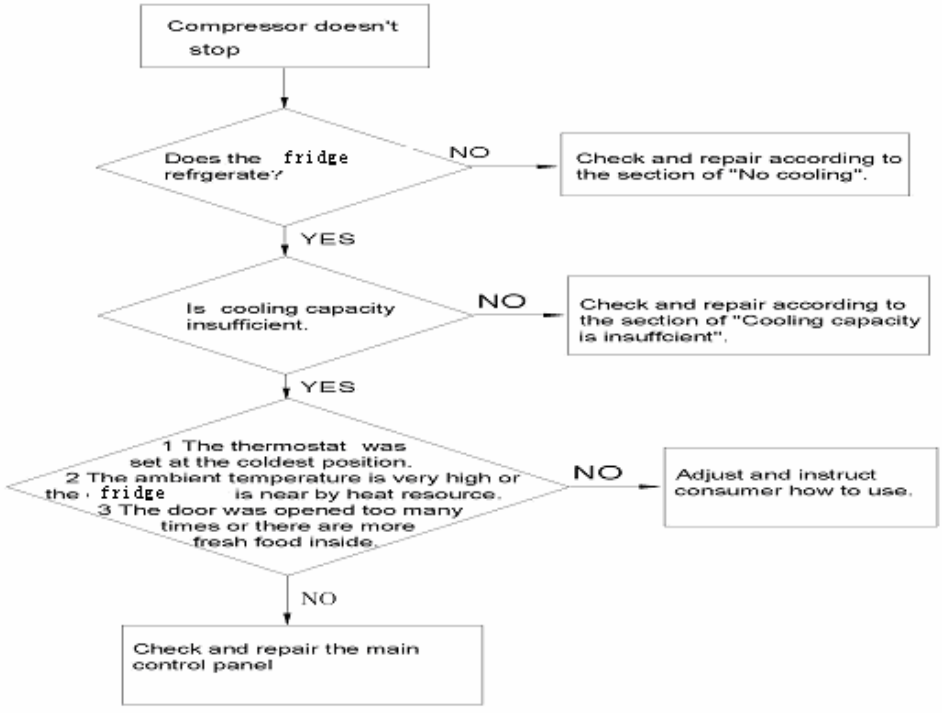
6.Maintenance service and Troubleshooting.

Maintenance Service and Trouble Shooting

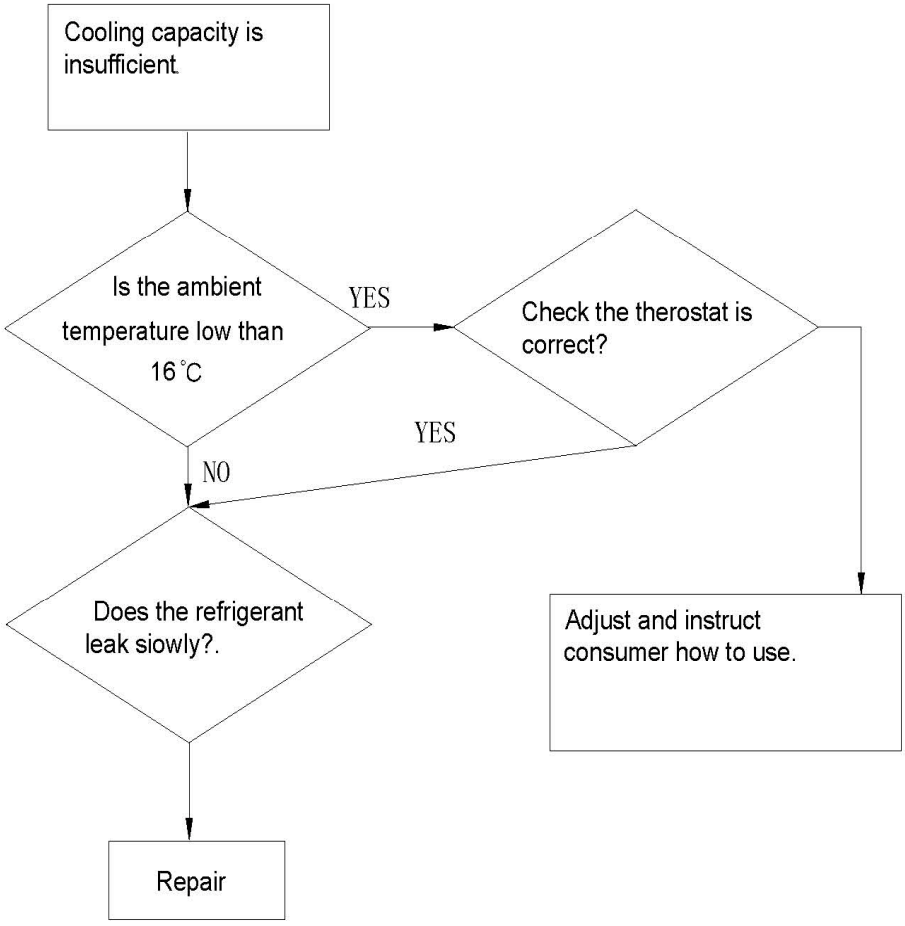
1. No cooling



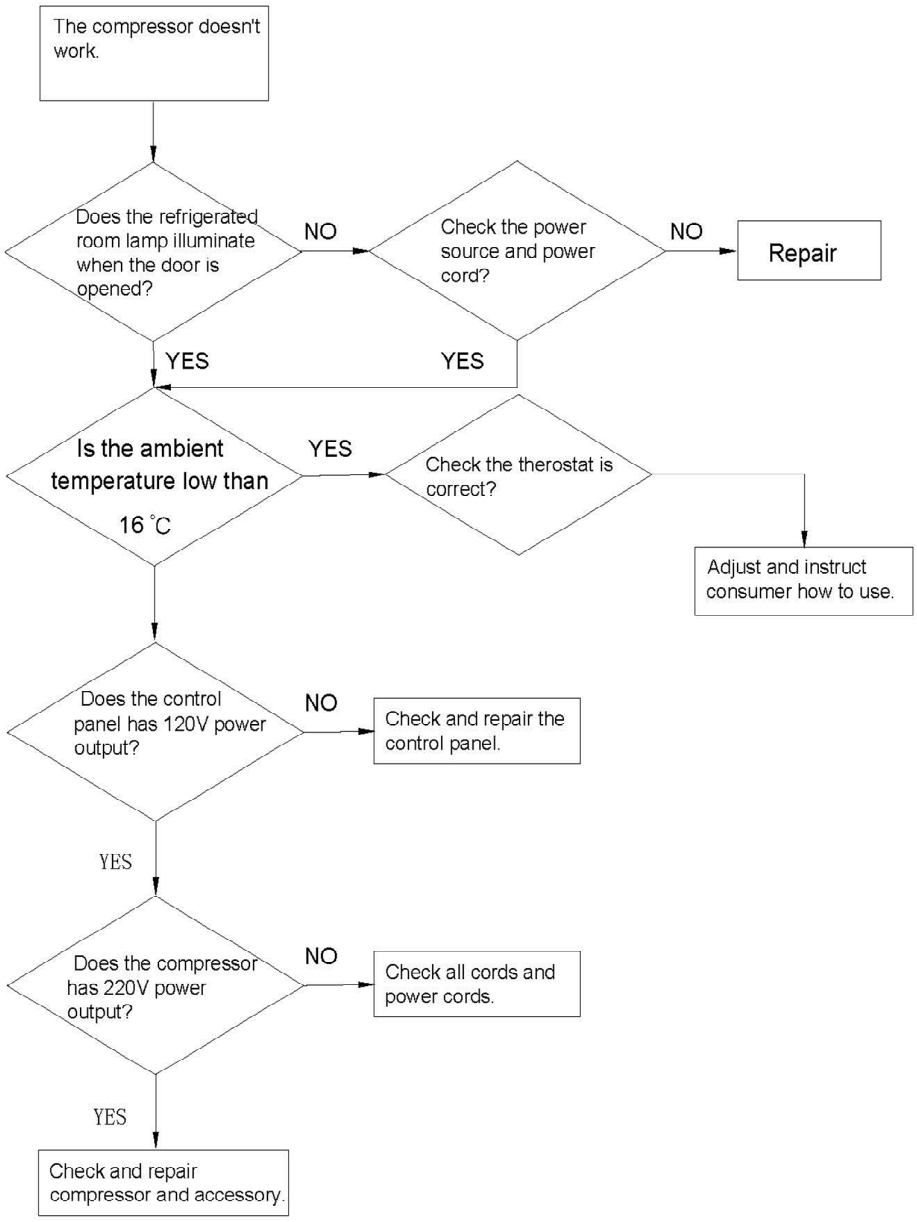
2 The compressor doesn't stop



3 Cooling capacity is insufficient



4 The compressor doesn't work



7. Quality information report

Quality information

Thank you very much for purchasing our products. In order to provide you with more satisfied products, please kindly fill in the questionnaire as the items indicated below. We shall strive for best to optimize our products based on your suggestion。

Client name					
Sale area					
Date					
No.	*Product model*	*Quality problem describe*	*Service result*	*Quantity /rate*	*Factory serial No.*
1					
2					
3					
4					
5					
6. Quality problem of whole sale product: detail descriptions					
client suggest：					
Factory activity：					